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TWENTY-FIFTH REPORT

OF THE

TRUSTEES OF THE CITY HOSPITAL,

BOSTON,

WITH

REPORTS OF THE SUPERINTENDENT AND MEDICAL AND SURGICAL STAFF, RULES FOR ADMISSIONS AND DISCHARGES, PROSPECTUS OF TRAINING-SCHOOL FOR NURSES, ETC.

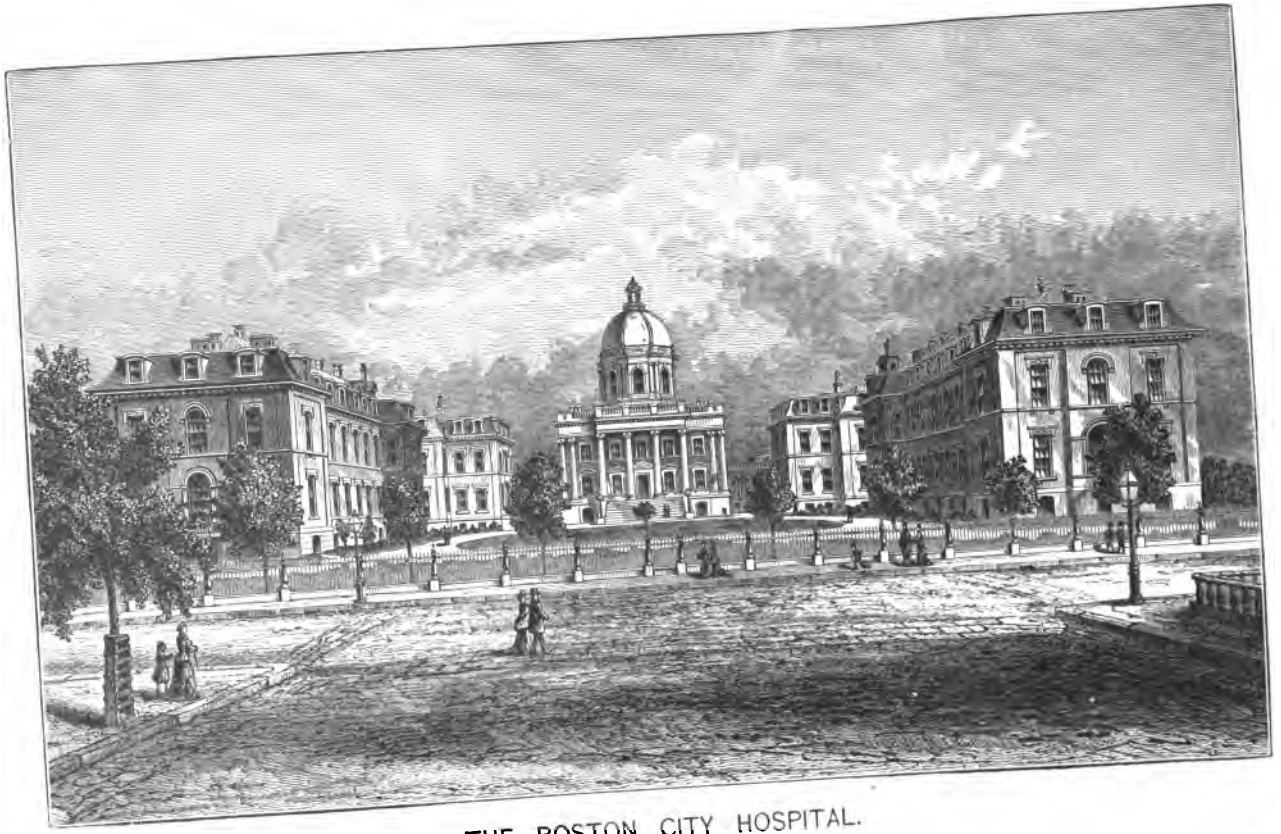
1888.



BOSTON:
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No. 39 ARCH STREET.
1889.

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THE BOSTON CITY HOSPITAL.

ERECTED 1864. ENLARGED 1876 AND 1888.

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[Document 45 — 1889.]

CITY OF BOSTON.

TWENTY-FIFTH REPORT

OF THE

TRUSTEES OF THE CITY HOSPITAL,

WITH

REPORTS OF THE SUPERINTENDENT AND MEDICAL AND SURGICAL STAFF, RULES FOR ADMISSIONS AND DISCHARGES, ETC.,

FOR THE YEAR 1888.

Trustees.

Joseph A. Tucker, *President*	Term expires in 1892.
Henry H. Sprague, *Secretary*	Term expires in 1889.
A. Shuman	Term expires in 1890.
John F. Young, M.D.	Term expires in 1891.
Geo. B. Nichols	Term expires in 1893.

Superintendent and Resident Physician.

Geo. H. M. Rowe, M.D.

Medical and Surgical Staff.

Consulting Physicians and Surgeons.

Benj. E. Cotting, M.D.	Benj. Cushing, M.D.
A. D. Sinclair, M.D.	Wm. Ingalls, M.D.
Fitch Edw. Oliver, M.D.	W. C. B. Fifield, M.D.

Senior Visiting Surgeon.

D. W. Cheever, M.D.

Visiting Physicians.

John G. Blake, M.D.
Geo. H. Lyman, M.D.
O. W. Doe, M.D.
A. L. Mason, M.D.
A. M. Summer, M.D.
G. B. Shattuck, M.D.
Edward J. Forster, M.D.
Chas. F. Folsom, M.D.
Thomas M. Rotch, M.D.

Visiting Surgeons.

Geo. W. Gay, M.D.
Wm. P. Bolles, M.D.
Edward H. Bradford, M.D.
Abner Post, M.D.
M. F. Gavin, M.D.

Visiting Ophthalmic Surgeons.

H. W. Williams, M.D. | O. F. Wadsworth, M.D.

Visiting Aural Surgeon.

J. Orne Green, M.D.

Physicians to Out-Patients.

Francis H. Williams, M.D. | E. M. Buckingham, M.D.
Chas. F. Withington, M.D.

Surgeons to Out-Patients.

H. L. Burrell, M.D. | Francis S. Watson, M.D.
H. W. Cushing, M.D.

Physician for Diseases of Women to Out-Patients.

C. M. Green, M.D.

Physicians for Diseases of the Nervous System to Out-Patients.

Morton Prince, M.D. | Philip Coombs Knapp, M.D.

Physicians for Diseases of the Skin to Out-Patients.

Edward Wigglesworth, M.D. | Geo. H. Tilden, M.D.

Physicians for Diseases of the Throat to Out-Patients.
Thos. Amory DeBlois, M.D. | Franklin H. Hooper, M.D.

Aural Surgeons to Out-Patients.
Geo. A. Leland, M.D. | Edward D. Spear, M.D.

Pathologist.
W. W. Gannett, M.D.

Medico-Legal Pathologist.
F. W. Draper, M.D.

Registrar.
Samuel Breck, M.D.

MEDICAL AND SURGICAL ASSISTANTS.

Assistant to the Ophthalmic Surgeons.
Henry W. Kilburn, M.D.

Assistant to the Physicians for Diseases of the Skin.
James S. Howe, M.D.

Assistant to the Physicians for Diseases of the Nervous System.
Wm. N. Bullard, M.D.

Assistant to the Physicians for Diseases of the Throat.
George A. Leland, M.D.

Assistant to the Pathologist.
H. F. Sears, M.D.

HOUSE OFFICERS.

House Physicians.	*House Surgeons.*
(For six months ending July 2, 1888.)	
Richard P. Francis,	John B. Walker,
Percival J. Eaton,	Paul Thorndike,
Walter A. Burrage.	
(For six months ending Jan. 7, 1889.)	
Warren R. Gilman,	Frederic S. Bunker,
L. Wadsworth Tuck,[1]	Gilbert N. Jones,
John A. Horgan.	

Medical Internes.	*Surgical Internes.*
(For six months ending Jan. 7, 1889.)	
Reuben Peterson,	Nathaniel S. Hunting,
William A. Morrison,	Stephen A. Mahoney,
Geo. A. Webster.	

Ophthalmic and Aural Interne.

Geo. A. Craigin.

Medical Externes.	*Surgical Externes.*
(For six months ending Jan. 7, 1889.)	
Wm. E. Fay,	Horace D. Arnold,
Chas. H. Hare.	Frank L. Day.

Ophthalmic and Aural Externe.

Allen Greenwood.

HOSPITAL OFFICERS.

Herbert L. Smith, M.D., *Assistant Superintendent.*
Samuel M. Nesmith, *Steward.*
Miss Lucy L. Drown, *Superintendent of Training School and Matron.*
Greenleaf R. Tucker, B.S., *Apothecary.*
Wm. H. Prescott, M.D., *Resident Medical Officer.*
Mrs. Harriet A. Edwards, *Housekeeper.*

[1] Died Oct. 19, 1888.

REPORT OF THE TRUSTEES.

City Hospital, Boston, Dec. 31, 1888.

To the Honorable City Council: —

The Trustees of the City Hospital, in compliance with the Ordinances, respectfully present herewith their Annual Report for the year 1888: —

Numbers and Expenses of Patients.

Number of patients remaining in the Hospital Dec. 31, 1887		352
Admitted during the year: —		
Medical	3,253	
Surgical	2,543	
Ophthalmic	79	
		5,875
Treated during the year		6,227
Discharged	5,110	
Died	772	
		5,882
Remaining in Hospital Dec. 31, 1888		345
Largest number of patients in Hospital at any one time		441
Smallest number of patients in Hospital at any one time		320
Daily average number of patients		378+
Average length of stay of each patient		22.21 days.

Number of patients treated in the Out-patient Department, classified according to their diseases: —

Medical diseases	2,991
Surgical "	5,910
Diseases of the Eye	1,600
" " Ear	405
" " Skin	878
" of Women	438
" " the Nervous System	545
" " the Throat	616
Total number of out-patients	13,383

Number of visits by patients to the Hospital, classified according to diseases: —

Medical diseases	5,031
Surgical "	23,293
Diseases of the Eye	7,653
" " Ear	1,811
" " Skin	2,077
" of Women	1,075
" " the Nervous System	1,772
" " the Throat	2,128
Surgical out-patients treated at accident-room, and not elsewhere included	1,243
Total visits of out-patients	46,083

The report of the Superintendent, presented herewith, contains, besides other information, a detailed statement of the expenditures of the year and of the number of patients admitted, and is accompanied by the reports of the medical and surgical staff. These reports give in detail the number of patients treated in the Hospital, and the number treated in the Out-patient departments, during the year, with classified statements of their diseases and the results of treatment.

The whole number of patients in the Hospital during the year was 6,227, and they were under treatment an average

of $22\frac{21}{100}$ days each, making a total of 138,301 days, or 19,757 weeks. The entire cost of maintaining the Hospital during the year was, at the rate of $10.28 per week, $203,206.46. Deducting from this total the amount received on account of the board of paying patients, $27,946.14, there is left the sum of $175,260.32 as the cost to the city of treating the non-paying patients. But after further deducting stock on hand and extraordinary expenses, such as alterations and additions to steam-heating apparatus, extraordinary painting and plumbing, new garbage house, etc., not properly included in the maintenance for the year, the net cost of maintaining the Hospital was, for the year, $156,-439.49, or an average cost to the city for board of each patient treated of $7.91 per week.

The number of patients under treatment was 6,227, being 290 greater than during the preceding year. This is the largest number of patients treated during any year since the establishment of the Hospital. The largest number of patients in the Hospital at any one time in the year was 441; the smallest number at any one time was 320; the daily average number of patients was 378+; the average length of stay of patients was $22\frac{21}{100}$ days. During the year 7,406 applicants were examined for admission, of whom 5,875 were admitted and 1,531 were rejected. The various causes for rejection appear in the Superintendent's report.

The average net cost per patient per week for the year 1888 was $7.91 against $7.41 for the year 1887, $7.52 for the year 1886, and $8.39 for the year 1885.

The income to the Hospital during the past year was

From board of paying patients . . .	$27,946 14
From interest from trust funds . . .	1,550 00
From sale of old materials	276 43
Making the total income for the year, which was paid into the city treasury, . . .	$29,772 57

The constant increase in the number of patients, the larger number of serious and complicated accidents, the

more extended classification of diseases, the improved appliances and methods of treatment, necessitate both larger appropriations and larger percentages of expense.

The proper care of the sick makes demands upon the city which are immediate and imperative. The Hospital has so grown in its capacity, and the demand for still increased and more effective work is such, that former estimates must be set aside, and the amount given for this department must be considerably larger, not only for one year, but for all years as long as the Hospital does the amount of work now rendered to the public.

PAYING PATIENTS.

The income from paying patients was $27,946.14. The greater part of this sum was received from other cities and towns for the board of those who have no settlement in this city, and who, by accident or temporary residence, demand hospital care. Considerable sums are received from those who would naturally come to this Hospital, but who desire better accommodations than the public wards afford, and who are willing to pay for such additional conveniences. Comfortable accommodations in private rooms can be had at fifteen, twenty, and twenty-five dollars per week, according to the size and location of the rooms furnished. There are a few isolated rooms, where accommodations are given to two or three in the same room, at ten dollars per week, but fifteen dollars is the minimum price at which private patients are received.

HOSPITAL REPAIRS AND RENEWALS.

Much work has been done during the past year on account of repairs and renewals. As was pointed out in the last report, the heating apparatus of the Hospital required extensive and radical changes. These were necessary, because the plant put in in 1876 was never satisfactory, and was also badly out of repair. The additional buildings erected being heated by the same system taxed the apparatus beyond its capacity. During the past summer the Trustees have expended upon this work the sum of $6,331.56. A radical

change was made. The "return pipes" were all changed, and the greater part renewed; new receiving tanks were put in, new pumps added, all steam traps were removed and a newer pattern supplied, and the large chimney to boilers was enlarged and built forty-five feet higher to increase the draft of the boilers; additional radiators were placed under some of the wards more remote from the boiler-house, and additional air-flues constructed. The result of these changes has been that the Hospital in nearly all its parts has been warm during the entire winter, and no reasonable complaints have been made. For several winters past it had been impossible to keep certain wards and rooms warm, and there was no practical remedy except by the renewals and changes made. Observations have been regularly kept in the wards, and the result has been gratifying in the uniform temperature maintained, while at the same time a constant supply of fresh air has been afforded.

Some further changes and additions are needed during the coming year to complete the scheme of improved heating apparatus, but much less expensive than those already made. In addition to steam-heating, a large number of fire-places have been utilized, assisting in ventilation, and giving a cheerfulness and comfort to such patients as were able to be out of bed.

Considerable new work has been done in the Hospital plumbing. In the new medical building an entire stack has been torn out, and all work and fixtures have been made anew and on improved patterns. Wards P and T have received the same alterations, and all the work has been of a thorough kind. Much old work remains that has been subjected to hard usage for twelve years, which is not in accordance with the present building laws, and should be replaced by new work.

Wards B, N, K, L, and the operating theatre have been vacated during the summer months, and entirely renewed by repairs, re-coloring and painting and renovating of floors. The outside wood-work of six buildings has been repainted, and various rooms used for official or domestic purposes, including corridors and stairways, have been subjected to the

usual course of repairs. The good sanitary condition of the Hospital is due, in a large measure, to this systematic treatment of the wards and rooms, which is demanded in a much greater measure than in mercantile or ordinary public buildings.

OUT-PATIENT DEPARTMENTS.

The out-patient departments remain in the same quarters as last year, but with the occupation of the new out-patient building, now in the process of construction, much relief is expected. It will enable the Hospital to do more and better work, with much greater convenience to the medical staff and comfort to the patients. The building is now under cover, and as good progress has been made as could be expected under the circumstances. When this building is completed, the entrance to the Hospital will be changed to the corner of Harrison avenue and East Springfield street, and it will be more convenient and more in keeping with the character and importance of the Hospital.

THE NEW WARDS FOR CONTAGIOUS DISEASES.

In February the new wards were opened for the reception of diphtheria and scarlet fever. These buildings, as was predicted in the report of last year, have done much, directly and indirectly, to enable the hospital better to care for these diseases, and have done away with sources of danger previously irremediable. The Trustees believe that it would be difficult to find wards better suited to the purposes for which they are now used. It remains, however, a very questionable measure to treat infectious diseases in connection with a large and general hospital. This matter is dwelt upon at further length in the Superintendent's Report, and is worthy of attention. A few isolated cases of contagious diseases have occurred in the general wards. Such cases are liable to occur in any large hospital, with four hundred and eighty beds for general diseases, occupied by patients coming from all quarters of a large city. In fact, infectious cases arise

in the wards of nearly all hospitals where contagious diseases are received. It is a very difficult matter to trace the origin of such diseases, and a critical public is apt to connect their inception with the proximity to wards for contagious cases, whatever their source may be, or however strictly the regulations against the introduction of causes of contagion may be enforced in the management of such wards. The laws relating to the isolation of infectious diseases in Great Britain and other European countries are so much more strict than in the United States, and the professional and public sentiment is so far in advance of that existing in this country, that the care of contagious and general diseases in the same hospital grounds would hardly be permitted. The Trustees, therefore, suggest the consideration of establishing a group of wards in some outlying and isolated locality within the city limits, which shall constitute a hospital for contagious diseases, such, for instance, as now exists in Glasgow, Scotland. Such a necessity is probably only a matter of time, and it must come with a better understanding, on the part of the public, of the subject and its complications. Such a hospital should be under the charge of a Board which should have the power, under present or more stringent laws, to enforce the isolation of all infectious diseases injurious to public health.

Present Capacity of the Hospital.

The capacity of the Hospital is four hundred and eighty beds, the same as last year. This capacity will probably be slightly increased as soon as the new out-patient building is ready for occupancy. Plans have been made for sleeping accommodations in that building for twenty-six male employés, and several of the rooms now occupied by them may be used for isolating special cases.

Additional Lands.

The original lot of land assigned for the use of the City Hospital is now all occupied by buildings except that portion devoted in the summer months to the tent service, and a

small portion now used as a yard for laundry purposes. This remaining space might possibly be used, as the Hospital becomes further crowded, for one or two small Hospital buildings; but extensive vacant space is now considered one of the essentials in Hospital construction. The Nurses' Home occupies a part of the land belonging to the city, which is situated in the block between East Springfield street and East Chester park; but the rest of the city's land in this block is badly located for other Hospital use, as it is separated from the rest of the Hospital buildings by East Springfield street. This land can only be made desirable or available by obtaining possession of all the rest of the block which abuts on East Springfield street, so that the city may close East Springfield street, and bring the whole into common use with the present grounds.

This recommendation has previously been made, as will be seen, by reference to previous annual reports (see 1882, City Doc. No. 82, p. 8; and 1886, City Doc. No. 97, p. 24). When the Hospital was established there was given it a large plot of land between Albany street and the wharf, on which were located the Small-pox Hospital and the hospital coal-sheds. In course of time the Small-pox Hospital was abandoned, and the present one established in West Roxbury. The system of direct purchase and storage of coal was discontinued. The City Council later transferred a part of this land to the Water Department, and leased another portion to private parties, reserving only a small corner for the present stable. The Water Department has again given another portion of this land, which was demanded by its own increasing needs. The Trustees recommend that the City Council, when the present lease to private parties has expired, transfer to the Trustees that portion in the rear of its present stable. On this they desire to place a new stable, and a small building to be used as a laboratory, where all inflammable or dangerous ingredients are used in the manufacture of surgical dressings. They also recommend that a part of the coal-sheds be used for the storage of coal, so as to enable the Trustees to purchase coal direct from the mines, and thus free the City

Hospital from subjection to such combination as has existed during the past year. Further space is also needed as a storage yard for unsightly and offensive materials. This arrangement would enable the city to transfer to the Water Department about 6,000 feet of land now used by the hospital, contiguous and symmetrical with their present premises. It is by reason of these desired changes that the Trustees have not renewed their application, made for several successive years, for an appropriation for a new stable, but request the attention of the City Council to this subject.

Room for a Medical Library.

The central or administration building was never well arranged for administration work, however imposing or effective it may be in its exterior. This want of adaption becomes very marked now that the Hospital has grown to nearly five hundred beds.

The Hospital in its early history laid the basis for a good medical library, and gradual additions have been made by purchase and donation until there are now many hundreds of books and pamphlets on medical science. A few of these books are on the shelves in the reception-room of the central building, where general visitors are received, but the greater part are stored in dark rooms and closets, and are not available for use. The reception-room is poorly adapted as a place for a working library. There is no space or opportunity for arrangement, or even room for shelving, and it is not a suitable room in which the Staff or others can use the books for reference or study. The record books, containing the written histories of nearly 100,000 patients, now number several hundred volumes, and are of great value as a basis for medical investigations. These records are necessarily placed in a small, damp room in the basement of the central building. It is desired to bring both library and records into close proximity in a place safe against fire and deterioration, and, under conditions of retirement, to increase opportunities for study and reference. There is no room in the already crowded Hospital available for such purposes,

and the public reception-room is the only place where the Medical and Surgical Staff can hold their meetings. The Trustees propose that a supplementary building, of moderate dimensions, be constructed in the rear of the present administration building, which shall contain a room for a medical library, a room for medical records arranged for the purposes of a library and a staff assembly room. Such a building, one and a half stories high, sixty feet long by forty feet wide, fire-proof and suitably arranged, could be built for about $18,000. The basement could be used for dining-rooms for officers, and also have a room to contain the library for patients. The proper placing and arrangement of the medical library is urged upon the Trustees, not only because it has been a long-desired object, but because the Hospital is about to have a legacy, under the will of Mary G. Perkins, of $7,500, one-half of the interest of which the donor desired should be devoted to the purchase of books for the Hospital medical library. The Goodnow library fund has accumulated interest money amounting to $719, the investment of which has been delayed by the want of a suitable room for the patients' library. The Trustees recommend that $18,000 be appropriated for the construction of such a building, thereby relieving the combination of wants described.

ELECTRIC-LIGHT PLANTS.

The Trustees recommend to the City Council the building of an electric-light plant. This matter has been before them for discussion for some time, but they have refrained from presenting it on account of the many calls upon the treasury for money in the city expenditures. They now feel that the time has come to ask for this improvement. The matter is more fully discussed in the report of the Superintendent, and is worthy of consideration. Electric lighting is specially needed in a hospital, since it is a matter of economy, is eminently beneficial to the health of the patients, reduces the risk of fire, always a calamity to be dreaded in a hospital filled with helpless people, and serves as an assistance in many departments to better service. The Trustees earnestly

invite the attention of the City Council to this needed improvement.

The Training-School for Nurses.

The Training-School for Nurses needs no special comment. This branch of the Hospital service has done excellent work. There are now seventy-four nurses of all grades, and twenty-two have received diplomas as graduates during the past year. During the year the course of study has been somewhat elaborated and systematized, and supplemented by additional facilities for training. In addition to the diploma a badge for graduates has been established, to identify those who merit the honor of having received their training in the Hospital, and for whom, in a sense, the Hospital is responsible. This school deserves the fostering care of its guardians, and it is intended that, so far as possible, those only who are efficient and worthy for such work shall be permitted to graduate from this school to engage in the responsible calling of a nurse.

Staff Changes.

The changes in the visiting staff were few during the year. James H. Denny, M.D., Visiting Physician, resigned. The Trustees decided to reduce the number of visiting physicians from ten to nine, thus making it unnecessary to elect another. At the close of the year the Trustees created an aural service, for the treatment of indoor patients with diseases of the ear. J. Orne Green, M.D., for many years physician for diseases of the ear to out-patients, was elected Visiting Aural Surgeon. W. E. Boardman, M.D., physician for diseases for women to out-patients, resigned. Francis H. Brown, M.D., physician for diseases of the ear to out-patients, resigned. The title of physicians for diseases of the ear to out-patients was changed to that of aural surgeons to out-patients. George A. Leland, M.D., and Edward D. Spear, M.D., were elected to those positions. Myles Standish, M.D., assistant to the ophthalmic surgeons, resigned, and Henry W. Kilburn, M.D., was elected to the vacancy.

H. F. Sears, M.D., was elected to the office of Assistant Pathologist.

The Trustees gratefully acknowledge the valuable and gratuitous labors of the Medical and Surgical Staff in the faithful performance of their arduous duties, by which the most destitute of the city's inhabitants have in their sickness been afforded the highest professional skill and experience.

EXECUTIVE OFFICERS AND EMPLOYÉS.

The work of the year has been of more than usual importance in the number and character of the cases treated. The successful and judicious administration of an institution with an average of nearly four hundred patients, and in all more than six hundred people, requires good administration, adjusted to make all departments work harmoniously and faithfully. The results of the year have been satisfactory to the Trustees, and they believe that the present excellent condition of this Hospital, in the perfection of its arrangements and appointments, as well as the good character and discipline of its service, will compare most favorably with any of the general hospitals, and that it stands foremost among American municipal hospitals.

The Trustees acknowledge the excellent work done by the Superintendent, Dr. Rowe, and his appointed heads of departments, for their part in the success of the year. Their responsibilities have largely increased with the marked growth of the Hospital. The nurses, employés, and attendants have, as a rule, been faithful in their work, which is of a kind requiring great forbearance and physical strain.

The Trustees gratefully acknowledge the thoughtful interest of friends who, in many ways, have contributed gifts, and given personal attention to the sick under their charge. They hope for a continued assistance in this direction, believing that no class of our community is more worthy of such attention and sympathy.

Respectfully submitted for the Trustees, by

HENRY H. SPRAGUE,

Secretary.

REPORT OF THE SUPERINTENDENT AND RESIDENT PHYSICIAN.

City Hospital, Dec. 31, 1888.

To the Board of Trustees: —

Gentlemen, — I have the honor to present herewith my Annual Report of the Hospital for the year, January 1 to December 31, inclusive.

The following table shows the number of patients who have each year applied for admission, and been treated at the Hospital: —

	Patients examined for admission.	Patients admitted.	Patients accidentally injured.	Number of out-patients treated.
From June 1, 1864, to December 31, 1864	703	475	129	371
From January 1, 1865, to December 31, 1865	1,451	1,066	242	1,143
From January 1, 1866, to December 31, 1866	1,749	1,432	345	3,324
From January 1, 1867, to December 31, 1867	1,913	1,534	328	7,015
From January 1, 1868, to December 31, 1868	2,729	2,078	417	8,794
From January 1, 1869, to April 30, 1870	4,632	3,054	482	11,791
From May 1, 1870, to April 30, 1871	3,977	2,396	525	8,899
From May 1, 1871, to April 30, 1872	4,387	2,873	565	8,947
From May 1, 1872, to April 30, 1873	4,326	3,304	660	7,526
From May 1, 1873, to April 30, 1874	4,250	3,201	804	9,272
From May 1, 1874, to April 30, 1875	4,652	3,424	756	8,732
From May 1, 1875, to April 30, 1876	4,434	3,180	689	9,413
From May 1, 1876, to April 30, 1877	4,713	3,580	663	8,526
From May 1, 1877, to April 30, 1878	5,068	4,034	604	9,658
From May 1, 1878, to April 30, 1879	5,285	4,323	734	10,419
From May 1, 1879, to April 30, 1880	5,444	3,995	505	10,309
From May 1, 1880, to April 30, 1881	5,781	4,418	553	10,605
From May 1, 1881, to April 30, 1882	5,842	4,107	567	12,035
From May 1, 1882, to April 30, 1883	5,991	4,423	666	17,174
From May 1, 1883, to April 30, 1884	6,152	4,780	531	14,241
From May 1, 1884, to April 30, 1885	6,072	4,831	676	12,005
From May 1, 1885, to December 31, 1885	3,965	3,229	562	8,271
From January 1, 1886, to December 31, 1886	6,086	5,046	757	12,733
From January 1, 1887, to December 31, 1887	6,682	5,577	790	13,124
From January 1, 1888, to December 31, 1888	7,406	5,875	709	13,383
Totals	113,690	86,235	14,259	232,710

The number of patients, classified according to their diseases, who visited the Hospital for advice and treatment in the out-patient departments, was as follows: —

Medical diseases, under charge of Drs. F. H. Williams, Buckingham, and Withington	2,991
Surgical diseases, under charge of Drs. Burrell, Watson, and Cushing	5,910
Diseases of the Eye, under charge of Drs. H. W. Williams and Wadsworth	1,600
Diseases of the Ear, under charge of Drs. Spear and Leland	405
Diseases of the Skin, under charge of Drs. Wigglesworth and Tilden	878
Diseases of Women, under charge of Drs. Boardman and C. M. Green	438
Diseases of the Nervous System, under charge of Drs. Prince and Knapp	545
Diseases of the Throat, under charge of Drs. DeBlois and Hooper	616
Total	13,383

NUMBER OF VISITS MADE BY OUT-PATIENTS TO THE HOSPITAL.

Year.	Month.	Medical.	Surgical.	Eye.	Ear.	Skin.	Women.	Nervous.	Throat.	Total.
1888.	January	363	1,802	477	114	187	68	89	163	3,263
	February ...	373	1,645	486	170	170	81	97	205	3,227
	March	445	1,900	517	159	186	106	104	221	3,638
	April	425	1,985	732	166	184	84	165	160	3,901
	May	430	2,080	855	101	202	101	180	157	4,106
	June	432	2,122	688	158	207	69	175	143	3,994
	July	438	2,246	692	129	192	98	173	138	4,106
	August.....	470	1,758	672	135	169	99	151	158	3,612
	September ..	474	1,777	547	111	144	114	146	170	3,483
	October	397	2,180	769	169	168	87	152	162	4,084
	November...	412	1,927	649	167	163	98	176	169	3,761
	December...	372	1,871	569	232	105	70	164	282	3,665
		5,031	23,293	7,653	1,811	2,077	1,075	1,772	2,128	44,840

Surgical out-patients treated in the accident-room, not classified elsewhere.....	1,243
Total.....	46,083

APPLICANTS EXAMINED FOR ADMISSION DURING THE YEAR.

Year.	Month.	Number examined.	Number admitted.	Number not admitted.
1888.	January.....	583	478	105
	February...	627	458	169
	March.....	614	485	129
	April.....	702	583	119
	May.....	662	531	131
	June	636	505	131
	July.....	650	536	114
	August.....	648	503	145
	September.....	586	452	134
	October	596	474	122
	November	514	410	104
	December	588	460	128
	Total.....	7,406	5,875	1,531

APPLICANTS NOT ADMITTED.

Cause of Rejection.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
For want of accommodation ...	18	28	27	11	18	0	4	0	7	2	3	6	124
Referred to Out-patient departments	27	37	31	49	41	47	55	55	62	40	40	43	527
Non-resident	4	5	0	4	7	15	1	13	3	3	0	7	62
Applied, but changed their minds	17	21	24	16	15	8	8	10	11	14	14	14	172
Chronic or incurable.....	4	6	4	8	5	4	1	6	3	11	3	10	65
Phthisis.....	3	14	8	5	15	12	13	7	10	16	9	12	124
Delirium Tremens and Alcoholism	4	4	2	5	3	7	6	12	4	5	4	2	58
Venereal	9	5	5	2	1	2	9	12	3	3	6	6	63
Pregnant	0	2	1	1	0	0	0	0	0	1	2	0	7
No disease and malingerers....	7	16	12	10	9	6	4	4	3	0	4	3	78
Insane and m.ntal.....	3	2	1	0	0	1	0	0	2	1	1	0	11
Under age.....	2	2	4	2	0	2	1	1	5	3	1	2	25
To other appropriate institutions	6	8	2	3	15	23	8	16	14	20	14	16	145
Miscellaneous	1	19	8	3	2	4	4	9	7	3	3	7	70
Total	105	169	129	119	131	131	114	145	134	122	104	128	1,531

RECORD OF AMBULANCE WORK.

Trips to.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
City proper.....	47	52	35	44	27	25	34	38	37	49	34	45	467
Roxbury	12	18	16	15	9	18	19	11	14	17	9	8	166
Dorchester	6	2	3	5	2	6	5	4	5	8	3	2	51
S. Boston	11	9	16	13	12	6	10	19	21	12	8	12	149
E. Boston	5	2	3	4	2	3	4	3	5	4	1	5	41
Charlestown...	1	2	1	5	1	4	7	5	5	2	4	5	42
Jamaica Plain	3	0	0	1	8	1	0	0	0	1	0	1	15
Brighton	0	0	0	0	0	2	1	2	2	0	3	0	10
Neponset.....	0	0	1	0	1	1	0	0	0	0	0	0	3
Milton	0	0	0	0	0	0	0	1	0	0	1	0	2
Total	85	85	75	87	62	66	80	83	89	93	63	78	946
Brought extra	7	1	2	4	1	2	0	2	2	2	4	3	30
Did not come.....	2	0	5	4	0	4	3	3	2	3	4	3	33
Patients brought....	90	86	72	87	63	64	77	82	89	92	63	78	943

WORK DONE IN CARRYING OUT-PATIENTS.

Number of trips.													
To 14 Beacon street.	0	6	1	2	1	3	2	0	3	3	4	3	28
To their homes	1	4	3	1	1	1	2	3	1	3	9	3	32
To other hospitals. .	1	7	3	4	0	0	1	3	0	1	0	2	22
Carried extra.....	0	5	3	4	0	0	0	0	3	0	0	4	19
Patients carried.....	2	22	10	11	2	4	5	6	7	7	13	12	101

SUMMARIES.

Total of trips out...	2	17	7	7	2	4	5	6	4	7	13	8	82
Whole No. of trips..	87	102	82	94	64	70	85	89	93	100	76	86	1,028
Total patients transferred.....	92	108	82	98	65	68	82	88	96	99	76	90	1,044

STATISTICAL STATEMENT.

Applicants for admission	7,406
Admitted of the above	5,875
Patients accidentally injured	1,243
Patients in Hospital, Jan. 1, 1888	352
Total number in Hospital during the year	6,227
Total number, including out-patients, treated during the year	19,610
Discharged, including death	5,882
Daily average number in Hospital	378
Largest number at any time in Hospital	441
Smallest number at any time in Hospital	320
Average time of remaining in Hospital (days)	22.21

RECAPITULATION.

Medical patients admitted	3,253
Surgical " "	2,543
Ophthalmic " "	79
Total	5,875

EMPLOYMENT OF PATIENTS ADMITTED DURING THE YEAR.

MALES.

Actors	3	*Brought forward*	375
Agents	26	Cigar-makers	14
Apprentices	3	Clergyman	1
Artists	2	Clerks	115
Bakers	17	Coachmen	15
Barbers	31	Collectors	2
Bar-tenders	22	Commercial travellers	7
Blacksmiths	37	Confectioners	5
Boiler-makers	5	Cooks	38
Book-binders	6	Coopers	14
Book-keepers	16	Coppersmiths	2
Bottlers	8	Curriers	14
Brass-workers	4	Drivers	35
Brewers	12	Druggists	3
Bricklayers	12	Electrician	1
Butchers	16	Elevator-boys	2
Cabinet-makers	21	Engineers	25
Carpenters	128	Expressmen	8
Carriage-builders	6	Factory operatives	27
Carried forward	375	*Carried forward*	703

Brought forward	703
Farmers	17
Firemen	26
Fishermen	9
Foremen	4
Grocers	6
Gardeners	7
Glaziers	6
Gilders	4
Harness-makers	8
Hatters	10
Hostlers	37
Hotel-keepers	6
Inspectors	6
Iron-workers	3
Janitors	9
Jewellers	4
Journalists	7
Junk-dealers	4
Laborers	968
Lawyers	8
Leather-workers	4
Linemen	3
Liquor-dealers	5
Locksmiths	2
Lodging-house keepers	6
Longshoremen	38
Machinists	52
Manufacturers	17
Masons	38
Mechanics	20
Metal-workers	6
Merchants	41
Messengers	28
Moulders	26
Musicians	3
Newsboys	2
Nurses	24
Packers	7
Painters	70
Peddlers	39
Physicians	14
Carried forward	2,297

Brought forward	2,297
Piano-makers	8
Plasterers	12
Plumbers	24
Police-officers	8
Polishers	16
Porters	31
Photographers	3
Printers	31
Railroad men	21
Restaurant	2
Roofers	8
Ropemakers	11
Rubber-factory	4
Sail-makers	2
Salesmen	33
Scholars	223
Seamen	116
Sea-captains	5
Shoemakers	42
Soldier	1
Steam-fitters	8
Stone-cutters	21
Stable-keepers	10
Tailors	74
Taxidermists	4
Teachers	5
Teamsters	176
Telegraph operators	4
Tinsmiths	12
Undertakers	2
Upholsterers	8
Varnishers	2
Waiters	41
Watchmakers	2
Watchmen	7
Window-boys	2
Wood-workers	13
Not classified	12
Unknown	89
No occupation	270
Total	3,660

FEMALES.

Artists	2	*Brought forward*	1,612
Clerks	10	School-girls	140
Cooks	58	Seamstresses	48
Domestics	688	Shop-girls	6
Dressmakers	34	Tailoresses	24
Factory operatives	19	Teachers	8
Housewives	692	Waitresses	35
Housekeepers	10	Weavers	6
Laundresses	39	Not classified	29
Milliners	3	Unknown	62
Nurses	57	No occupation	245
Carried forward	1,612	Total	2,215

NATIVITY OF PATIENTS ADMITTED DURING THE YEAR.

Boston	1,354	Germany	143
Other towns in Massachusetts	362	Ireland	1,721
Maine	264	Italy	96
New Hampshire	97	Newfoundland	50
Vermont	53	Norway	17
Rhode Island	24	Poland	29
Connecticut	20	Portugal	19
District of Columbia	6	Cape Verde Islands	1
Middle Atlantic States	126	China	5
Southern States	50	Africa	1
Central States	84	Cape Good Hope	1
Pacific States	5	Switzerland	4
British Provinces	640	Turkey	1
Hungary	1	Wales	9
India	1	West Indies	10
Malta	1	Unknown	94
Australia	1	Sweden	82
Holland	6	Prussia	3
Azores	1	Russia	64
Austria	5	Scotland	90
Bavaria	2	South America	3
Denmark	8	Spain	3
England	297		
Finland	5	Total	5,875
France	16		

CONDITION OF PATIENTS DISCHARGED.

Well	1,587	Died	772
Relieved	3,164	Eloped	20
Not relieved	189		
Unsound mind	1	Total	5,882
Not treated	149		

AGES OF PATIENTS ADMITTED DURING THE YEAR.

MALES.		FEMALES.	
Under 12 months	18	Under 12 months	25
From 1 to 5 years	147	From 1 to 5 years	115
" 5 to 10	167	" 5 to 10	111
" 10 to 20	355	" 10 to 20	292
" 20 to 30	1,098	" 20 to 30	704
" 30 to 40	710	" 30 to 40	385
" 40 to 50	549	" 40 to 50	269
" 50 to 60	316	" 50 to 60	154
" 60 to 70	153	" 60 to 70	91
" 70 to 80	77	" 70 to 80	49
" 80 to 90	9	" 80 to 90	8
" 90 to 100	1	" 90 to 100	2
Unknown	50	" 100 to 110	2
Total	3,654	Unknown	14
		Total	2,221

CIVIL CONDITION.

MALES.		FEMALES.	
Married	1,152	Married	668
Single	2,151	Single	1,145
Widowers	309	Widows	384
Unknown	53	Unknown	13
Total	3,665	Total	2,210

The number of patients admitted with accidental injuries was 709, and of all patients treated in the Hospital 314 died within forty-eight hours after admission.

NUMBER OF PATIENTS TREATED EACH YEAR, AND RATE OF MORTALITY.

	No. of Patients Treated.	Died.	Rate of Mortality.
1864, 7 months, ending Dec. 31	475	47	.099
1865, year ending Dec. 31	1,167	97	.083
1866, " " "	1,549	123	.080
1867, " " "	1,697	146	.086
1868, " " "	2,219	163	.073
1870, 16 months, ending April 30,	3,235	246	.076
1871, year ending April 30	2,569	215	.083
1872, " " "	3,054	247	.080
1873, " " "	2,527	351	.099
1874, " " "	3,435	282	.082
1875, " " "	3,662	291	.079

	No. of Patients Treated.	Died.	Rate of Mortality.
1876, year ending April 30 . .	3,421	290	.084
1877, " " " . .	3,843	287	.074
1878, " " " . .	4,434	311	.071
1879, " " " . .	4,631	347	.074
1880, " " " . .	4,298	401	.093
1881, " " " . .	4,708	421	.089
1882, " " " . .	4,382	415	.094
1883, " " " . .	4,702	473	.100
1884, " " " . .	5,061	476	.094
1885, " " " . .	5,167	513	.094
1885, 8 months, ending Dec. 31 .	3,550	363	.102
1886, year ending Dec. 31 . .	5,368	603	.110
1887, " " " . .	5,937	623	.104
1888, " " " . .	6,227	772	.123

DISBURSEMENTS FROM JAN. 1, 1888, TO DEC. 31, 1888.

ARTICLES.	Quantity.	Cost.	Average Price.
SUBSISTENCE SUPPLIES.			
Beef	200,465 lbs.	$20,212 92	.100 per lb.
Mutton and Lamb	46,485 "	5,069 32	.100 " "
Veal	4,547 "	519 72	.115 " "
Fowl	48,177 "	7,574 03	.157 " "
Pork and Hams	11,816 "	1,316 17	.111 " "
Lard	2,994 "	285 81	.095 " "
Butter	16,702 "	4,070 26	.244 " "
Cheese	1,686 "	232 11	.138 " "
Eggs	21,877 doz.	4,919 44	.225 per doz.
Vegetables		4,158 92	
Fish		2,172 25	
Groceries		10,604 50	
Flour	481 bbls.	2,416 22	$5.02 per bbl.
Milk	39,910 cans.	13,645 62	.342 " can.
Ice	695 2/6 tons.	1,661 47	$2.39 " ton.
Water	2,571,000 ft.	3,134 20	.122 " hd. ft.
FUEL.			
Coal $16,262 45			
Wood and Charcoal 216 50			$6.69 " ton.
		16,478 95	
Carried forward		$98,471 91	

DISBURSEMENTS. — *Continued.*

ARTICLES.		Cost.	Totals.
Brought forward			$98,471 91
MEDICAL SUPPLIES.			
Medicine and Drugs	$5,200 41		
Surgical Instruments	1,090 52		
Druggists' Sundries	386 88		
Flaxseed Meal	535 28		
Alcohol	922 04		
Liquors	2,847 69		
Ale, Cider, and Porter	671 10		
Compress and Bandage	4,816 07		
Medical Library	197 09		
		$16,667 08	
SALARIES AND LABOR.			
Salaries and Labor		47,417 05	
BUILDINGS.			
General Repairs	$3,402 18		
Boiler	1,043 19		
Plumbing	1,014 14		
Painting	1,269 66		
		6,729 17	
Grounds		1,156 30	
GENERAL SUPPLIES.			
Gas (for 3 months)		1,628 35	
New Furniture		1,436 38	
Furnishing		3,621 96	
Beds and Bedding		3,498 12	
Dry Goods		1,096 19	
Printing	$991 29		
Stationery	763 64		
Annual Reports	139 54		
Advertising	71 30		
		1,965 77	
Telephone Rental	$177 50		
Telegraph and Messenger Service	66 05		
Medical Batteries and Electric Repairs	265 18		
		508 73	
Stables		1,560 21	
Watering Streets		150 00	
Incidentals not otherwise classified		254 08	
			23,605 26
Total expenditures in maintaining the Hospital for the year ending Dec. 31, 1888			$186,161 30
Carried forward			$186,161 30

DISBURSEMENTS. — *Continued.*

ARTICLES.		Cost.	Total.
Brought forward			$186,161 30
Alterations and Additions to Steam Heating		$6,331 56	
Alterations and Additions in Buildings		1,594 64	
Plumbing (new work)		1,826 12	
Painting (special)		1,718 12	
New Fixtures		1,009 08	
Ambulance Service		1,038 50	
Tents		381 47	
New garbage house		$935 98	13,894 49
Grounds, new roads, and grading		853 76	
Expense incurred in ascertaining the settlement of patients		1,360 93	3,150 67
Total Expenditures			$203,206 46
Stock on hand Jan. 1, 1888.			
General Supplies	$2,131 58		
Medical Supplies	1,618 46		
Liquors	435 78		4,185 82
DEDUCT.	CR.		$207,392 28
Stock on hand Jan. 1, 1889.			
General Supplies	$2,288 80		
Medical Supplies	1,395 36		
Liquors	450 90	$4,135 06	
Alterations and Additions to Steam Heating	$6,331 56		
Alterations and Additions on Building	1,594 64		
Plumbing (new work)	1,826 12		
Painting (special)	1,718 12		
New Fixtures	1,009 08		
Ambulance Service	1,038 50		
Tents	381 47		
New garbage house	935 98		
Grounds, new roads and grading	853 76		
Expenses incurred in ascertaining settlement of patients	1,360 93	17,045 16	
Incomes from Paying Patients	$27,946 14		
Interest from Trust Funds	1,550 00		
Sale of old material	276 43	29,772 57	50,952 79
Net cost of maintaining the Hospital from Jan. 1 to Dec. 31, inc., 1888			$156,439 49

The foregoing statistics show that the total expenditure during the year has been $203,206.46. This sum is reduced to $186,161.30 by deducting from the total expenditure the cost of alterations and additions to steam-heating apparatus, extraordinary plumbing, new garbage house, and renovating wards, which are not chargeable to the current expenses of the Hospital. This amount includes every expenditure, and gives a cost of $10.28 per week for each patient. If, however, we allow for the difference in stock at the beginning and close of the year, the income from paying patients, and the extraordinary expenses, etc., not chargeable to the maintenance for this year, we have as a *net cost* to the city of running the Hospital $156,439.49, or *per capita* for each patient treated during the year, $7.91 per week. The income from paying patients has been $27,946.14, and the total income from all sources, $29,772.57.

The largest number of patients on any one day was 441, against 392 last year; the smallest was 320, against 300 last year. The daily average was 378, which is 24 more than last year, and 10 more than two years ago. The average length of stay was $22\frac{21}{100}$ days.

The number of patients admitted with accidental injuries was 709. Of all patients admitted 514 died within 48 hours after admission. The rate of mortality was $12\frac{3}{10}$ per cent. If from the total number of deaths we deduct those brought to the Hospital in a dying condition, the annual mortality is reduced from $12\frac{3}{10}$ to $7\frac{3}{10}$ per cent.

The appropriation for this year will be barely enough to meet our wants, and many repairs contemplated must go over to another year. The amount asked for was reduced by $8,655. Had the new buildings been occupied, as we had reason to expect, our appropriation would have failed.

During the year, 6,227 patients have been treated in the wards, 14,626 as out-patients, making a total of 20,853 who have received the benefit of the hospital during the year. Of 7,406 persons examined for admission, 1,531 have been rejected. Of the rejected applicants, the larger number, 527,

were not so seriously ill when first applying as to require admission, and were treated in the various out-patient departments. These departments are distinctively used as a relief to the wards, and are not, as in many hospitals attached to medical schools, as a "feeder" to the wards for clinical purposes. Of the number not admitted, 172 changed their minds for various reasons; 145 were referred to various other hospitals or institutions; 78 had no illness or were feigning it; 124 of those who applied should have been admitted, but we were compelled to reject them solely for want of room. The various other causes of rejection will be found in a classified table elsewhere. The question of responsibility in the rejection of applicants is often a delicate one, and requires much discrimination. Nearly all the other hospitals in this city are under private management, and are free to admit or reject such applicants as they deem best according to their practice. The opinion is more or less prevalent that this is a "free hospital" to any and all. It is not uncommon for persons to make journeys of considerable length, coming to the hospital with their luggage, expecting to be received because it is supported by tax-levy of the city. Large numbers apply here having exhausted all other resources, or having lived many months in various other hospitals, when their disease is beyond remedial treatment. Others, who are the victims of vice or the unfortunate prey of poverty, use every possible lever to open our doors. Complaints always have been made by the public because these applicants are not received, and always will be made until there is a more general apprehension of the true purpose of the hospital, and what constitutes a proper case, and the legal right for admission. The intent upon which the hospital was founded and maintained in its early history is spread upon the records of previous reports which are worthy of perusal by those interested. This hospital should not have open doors for every person, nor for all kinds of sickness, without reference to the merits of the case or the legal rights of the applicant. It should be maintained for the worthy sick of the city of Boston, and to them it should be easy of access, and is so with as little formality as possible.

The capacity of the hospital is now 480 beds, and can be increased during the summer months, by the 70 beds in our tent service, to 550 beds. We cannot be expected, according to present classification, to exceed 460 patients at any one time, because the summer tent service is used as a relief in successively vacating the wards, and it is hardly possible that every ward should ever be full, especially those for contagious diseases. The largest number during the last year on any one day was 441.

By previous reports, it appears that in

1883–4 the daily average was 286 and the largest number was 384
1884–5 the daily average was 306 and the largest number was 357
1885 the daily average was 315 and the largest number was 365
1886 the daily average was 344 and the largest number was 391
1887 the daily average was 354 and the largest number was 392
1888 the daily average was 378 and the largest number was 441

This shows that the proportion of available beds is kept more constantly full, that the ratio of "largest numbers" and "daily average" is constantly increasing. In five years the daily average has increased 92, or a yearly average of 18 patients. If this ratio of increase is maintained during the next five years, the daily average would reach 470 patients, demanding a possible capacity of 523 beds, which is greatly beyond our present limit or that which is within reasonable expectation. It must follow, therefore, that with the presumable increasing demands for beds, we must either have more wards, or the rejection of worthy cases must largely increase, resulting in greater hardship for the sick poor, and more criticism of the management. With an experience of ten years in the work and needs of the City

Hospital my judgment leads me to believe that the urgent demand for more beds, for ordinary medical and surgical cases, is close at hand. I therefore recommend to the trustees the early consideration of the expediency of asking the City Council for further appropriations for additional new wards for the non-paying class of patients and for the ordinary medical and surgical cases.

The number of patients who have died during the year was 772. The number of patients admitted with accidental injuries was 709. Of all patients admitted, 314 died within forty-eight hours after admission. This number is remarkable as showing the serious and fatal character of a large number of patients received, and indicates the character of our work. The rate of mortality is 12.3, which is the largest in the history of the hospital. If from the total of 772 deaths we deduct 314 who were brought to the hospital in a dying condition, and 176 who died of diphtheria, we have a remainder of 490 deaths, which is only .06 per cent. mortality. This shows that the large death-rate is mainly due to two classes of patients, as above-named.

The appropriation for the fiscal year will not be sufficient to meet our wants. Many contemplated and necessary improvements and renovations must go over to another year. During the past year many repairs have been made of an unusual character. The heating system, after thirteen years of service, has much deteriorated, and in some parts is radically faulty. By the settling of the buildings, the return-pipes in many instances were out of level, preventing the return of condensed steam; the receiving-tank was leaky and of an obsolete pattern, and the traps were of an old and disused pattern. Radical and complete changes were made to overcome these difficulties, and the aggregate expenditures on this class of repairs alone amounted to $6,331.56. The present number of buildings has exceeded the intended capacity of the boiler-plant. Future enlargement of the hospital will demand an additional boiler-house, as our present one admits of no further extension. The alterations have proved of great benefit, and all parts of the

buildings have been kept at a proper standard of temperture for the first time in several years. The supply of fresh air has been made more abundant by using steam in all the aspirating shafts for the acceleration of the ventilation.

Considerable new work has been done in the plumbing in various parts of the hospital. The entire plumbing of five wards has been taken out and replaced by new fixtures. This, with renewals and general repairs in sundry other places, has amounted to $1,826.12. Wards B, N, K, L, and the operating theatre, have been vacated during the summer months, and entirely renovated in the same manner as other wards before reported.

A new garbage house has been built, twenty by fourteen feet. The building is isolated, is thoroughly constructed, and is entirely lined by a substantial finish of Keene's cement, so that it may be flushed by water hose as frequently as necessary. The grounds adjoining the new wards and Ward K have been much improved. Over one thousand loads of gravel, loam, and sod have been put in, the grade raised, and new roads and paths constructed. This has been accomplished at comparatively small cost, the material coming from the land now occupied by the new building for the Out-Patient Department.

Among the matters long demanding improvement is a new fence around the hospital grounds bordering on Concord and Albany streets. The old wooden fence, originally built in 1864, is now dilapidated, sunken below the street grade, and useless as a protection to the grounds. This should be replaced by a substantial high brick-wall with a stone capping. Such a wall would cost more than could be spared from our regular appropriation, and I would suggest that a special appropriation be asked for that purpose. Only those familiar with the management of a hospital can appreciate the constant annoyance caused by want of proper protection to the grounds and buildings and the great detriment to discipline. Too free communication is now held between patients and unscrupulous passers by. The prevention of the smuggling of liquor and other pernicious

things to patients would alone conduce greatly to the successful treatment of patients, remove a constant source of annoyance, and give to the better class of patients a seclusion now impossible by reason of the open character of our grounds. The present ruin is not in keeping with the dignity of the buildings and grounds.

One of the great needs is a building for an electric-light plant for all the hospital buildings. The average gas bills for one year are about $6,000, and it is difficult to reduce this amount in view of the large number of lights needed in such an establishment, where so many are employed all night. The improvement is not only demanded by the times, but is specially needed in wards occupied by large numbers of sick people. Under the best conditions, great care is necessary in order to keep the air in its greatest purity. The emanations given off by the breaths, secretions, and bodies of patients is great, and the pollution of the air is excessive and constant. This becomes still greater after candle-light on account of the large consumption of oxygen. An ordinary gas-burner consumes as much oxygen as five adults. In some of the wards, the oxygen consumed by the gas-lights is equivalent to twice the amount used by the patients. This means that three times as much oxygen is consumed when the wards are lighted as during the day when no gas is burning. Recent analyses of the air in the wards prove that the amount of carbonic acid gas in the wards during the day-time is constantly low (3.6 per cent.), and with little variation. This percentage rises rapidly after candle-light, and has been found as high as 11.4 per cent., which is near the danger-line, and practically means crowd poisoning. The well-known fact that incandescent light burns " in vacuo," reduces this injurious factor, and makes the air as good by night as by day. Any means that will purify the air for the sick should be used. This is the basis of the scheme of seventy-two beds for the sick in open tents during the summer months. The danger from fire is largely reduced by electric lights. Incipient fires have several times occurred in our history. Fire is the one

great calamity to be dreaded in a large hospital, and any means that can reduce this risk is commendable and imperative. An electric plant should be central, and the boilers might be arranged so as to afford further means of heating the hospital and its future extensions. The thorough consideration of this matter is urged upon the Trustees.

The new wards for contagious diseases (Ward A for scarlet fever, and Ward E for diphtheria) were described in the last official report. They were occupied last February, and have proved successful beyond our expectation. They have been large enough to meet the demands, and, for the first time for several years, a patient with diphtheria or scarlet fever, having a claim on the city, has not been rejected. The ward for scarlet fever has been closed during several months, as there have been no cases. The isolated small South ward has proved a great convenience when there were only six or eight patients, or when it was needed for convalescent cases. The diphtheria ward, however, has been constantly in use, owing to the unusual amount of that disease. The general arrangement of the ward for work has proved to be a good one, and the heating and ventilating has been excellent. The change has been sufficiently rapid to keep the air pure at a high temperature, an object so desirable in this disease. This ward has been of great utility, in view of the large number of cases treated. The epidemic has been one of great mortality, aside from the fact that many cases were brought here *in extremis*.

The following are the statistics in diphtheria for the year: —

	In Hospital Jan. 1, 1888.	Admitted.	Discharged.						In Hospital Jan. 1, 1889.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Medical . . .	8	210	102	19	39	1	47	208	10
Surgical . . .	3	161	14	16	0	0	129	159	5
Total . . .	11	371	126	35	39	1	176	367	15

Of 61 tracheotomies, 54 have died; of 107 intubations, 78 have died; of 17 intubations and tracheotomies, 17 have died.

The type of cases sent here has been bad, occurring mostly in children, suffering with septic symptoms, or in the last stages of diphtheritic laryngitis. A large number of the patients were from the Italian, Portuguese, and other foreign population, and were hopeless from the time of admission. Heart failure has been a notable symptom, and from all causes forty-eight per cent. have died.

The policy of placing wards for contagious diseases in somewhat close relations with other wards of a general hospital is unquestionably a bad one. The practice of receiving such cases has existed here for many years, and has gradually been forced upon the management, a result not infrequent in a municipal hospital of constantly increasing proportions. I would urge upon your consideration the necessity of asking the City Council to abolish this practice, by establishing a special hospital for the care and treatment of such diseases as scarlet fever, diphtheria, measles, and typhus fever, putting it in charge of the Board of Health, with the same restrictions now used in small-pox. The public sentiment is by no means correct as to the serious character of these diseases in affecting public health. This is specially true of diphtheria, the disease that has prevailed so constantly, and in which the mortality has been so large. The statement that there were more deaths in Boston last

year from diphtheria than from yellow fever during the last epidemic in Florida, is not a fanciful one. This fact, with many others that might be named, goes far to show what a grave source of danger exists in the city. Until the laws and public sentiment permit the same rigid treatment of the diphtheria patient, his household and his habitation, as by general consent is now granted in the management of small-pox, so long this disease will remain with a varying mortality in the community. Until the city is in a position to provide for diphtheria in a more suitable locality, and so long as it must be received here, I recommend that more stringent regulations be made for its care, especially as to visitations of friends, except under extraordinary circumstances.

The Training School for Nurses is now at the close of its eleventh year. At the beginning of the year there were seventy nurses. During the year twenty-two pupils have been graduated. The night supervisor and seven head nurses have resigned to take places in other hospitals or to engage in private nursing. Eight pupils have fallen out on account of illness or want of strength, and, of these, some will undoubtedly return. One pupil was allowed to resign, and one was dismissed for cause. Six graduates have returned as head nurses, three former pupils have been readmitted, and 38 probationers have been accepted as pupils, making 74 nurses at the end of the year.

The superintendent of nurses and her assistants have given 219 formal class recitations from the manuals and text books, and there were 88 classes in massage. The senior nurses have aggregated 231 lessons in sick cookery. The numbers of the Medical and Surgical Staff have given 30 lectures to the school in the operating theatre.

The course of studies, lectures, and various drills has been systematic and regular. These have been formulated, and appears in detail in the Appendix to this report. Certain details as to requirements, regulations, classifications, and studies have been changed; these are noted also. To answer numerous inquiries from other schools concerning methods, many points, not previously printed, have been elaborated

and made clear. Many of these may seem unimportant, but in order to save the labor necessary to answer such inquiries, and to give currency and perpetuate the regulation in vogue, it is thought best to put this information into definite form.

I am under special obligations to the members of the Medical and Surgical Staff who have greatly increased the means of instruction by the very instructive lectures given to the school.

From time to time, especially during the earlier years of school, nurses have dropped out with only a partial course of training. Others have been dismissed as unsuitable, or incapable of making good nurses. Some of these have subsequently engaged in private nursing, and, without the knowledge or training necessary to make good nurses, have reported that they were trained at this school. To vouch, in a measure, for those who have completed a regular course of training here and are entitled to call themselves graduates of this school, the Trustees have established a badge which they desire all graduates to exhibit whenever necessary. A model of the badge, and a list of the graduates to this date, is given in the Appendix.

The nurses, with much fidelity, have given loyal and faithful service during the year, often among cases that were irksome, laborious, and attended with risk.

The Superintendent desires to gratefully acknowledge the kindly interest and devotion shown to patients by visitors to the sick. This service, in public hospitals, is not always a pleasant or agreeable duty. Many individuals, some representing philanthropic organizations, and others moved by love and a friendly spirit, have visited the wards for continuous weeks and months, and by counsel, amusement, and substantial assistance performed beneficent and humane work. The visitations of clergymen and employed visitors have accomplished more than the usual amount of good. Generous gifts of flowers, fruit, reading material, clothing and numerous useful things have been contributed.

My thanks are due to the gentlemen of the Medical and Surgical Staff for advice and assistance. Those associated

with me in the immediate supervision and work of the hospital deserve my sincere and cordial thanks for service given with a faithful and willing spirit. The tension is often great upon the physical strength and moral virtues of officers engaged in the care and management of a household of more than six hundred people, where conflicting or weighty interests are so often involved. Such service and coöperation have contributed much to the success of the year.

In presenting this, my tenth annual report, to the Trustees, I desire to express to them my sense of obligation for the gratifying aid and encouragement they have given me, and the evidence of their continued confidence. Thanking the Trustees for their many courtesies, and trusting to merit their indulgence in the hospital work, now grown to large proportions,

I have the honor to be

Your obedient servant,

G. H. M. ROWE,

Superintendent and Resident Physician.

REPORT OF THE MEDICAL AND SURGICAL STAFF.

MEDICAL DISEASES,

Classified according to the Nomenclature of Diseases, as published by the Royal College of Physicians of London, and American Medical Association.

From Jan. 1 to Dec. 31, 1888, inclusive.

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
GENERAL DISEASES.											
A.											
Measles	2	47	45	92	84	4				88	6
Scarlet Fever	6	43	45	88	84	3			6	93	1
Typhoid Fever	9	205	113	318	34	24	1		37	296	31
Simple Continued Fever		4	4	8	8					8	
Febricula		11	6	17	16	1				17	
Intermittent Fever		16	8	24	17	7				24	
Quotidian		5		5	3	2				5	
Tertian		14	4	18	18					18	
Irregular		10		10	6	3	1			10	
Diphtheria	8	85	125	210	102	19	39	1	47	208	10
Diphtheritic Paralysis		2		2	1	1				2	
Hooping Cough		1		1	1					1	
Erysipelas	4	38	29	67	53	9	1		6	69	2
Puerperal Fever			2	2	1				1	2	
Septicæmia			1	1				1		1	
B.											
Acute Rheumatism	17	124	67	191	123	82				205	3
Subacute Rheumatism	2	26	14	40	24	12	2			38	4
Gonorrhœal Rheumatism		6	1	7		5					2
Carried forward	48	637	464	1101	775	172	44	2	97	1090	59

MEDICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	48	637	464	1101	775	172	44	2	97	1090	59
Muscular Rheumatism	1	8	6	14	13	2				15	
Chronic Rheumatism	1	29	18	47	1	36	1			38	10
Chronic Rheumatic Arthritis			1	1		1				1	
Chronic Gout	1	...	1	1		2				2	
Syphilis	1	2	5	7		6			1	7	1
Primary			2	2		2			...	2	
Secondary	1	10	4	14	1	11	1		2	15	
Scrofula with Tubercle		1		1					1	1	
Tubercular Meningitis		2		2					2	2	
Hæmoptysis		3		3	2	1				3	
Acute Miliary Tuberculosis		3	6	9					9	9	
Diabetes		3	1	4		3		1		4	
Anæmia		4	17	21	6	11				17	4
Trichinosis		1		1					1	1	
General Tuberculosis		3	4	7		1			4	5	2
DISEASES OF THE NERVOUS SYSTEM.											
Meningitis	2	2	4	6	3		1		4	8	
Tumor of Brain		3		3					3	3	
Apoplexy		1	1	2					2	2	
Cerebral Hæmorrhage		10	5	15		4	2		9	15	
Cerebral Concussion		1	1	2		2				2	
Sunstroke, and effects of		7	1	8	3	4			1	8	
Cerebro-Spinal Meningitis		2	1	3	1				2	3	
DISEASES OF SPINAL CORD AND MEMBRANES.											
Myelitis	1	6	7	13		5			5	10	4
Lateral Sclerosis		2		2		2				2	
DISEASES OF THE NERVES.											
Paralysis		1		1		1				1	
Hemiplegia	3	19	22	41	1	20	9		8	38	6
Paraplegia		3		3			1		2	3	
Carried forward	59	763	571	1334	806	285	59	3	153	1307	86

MEDICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.					Remaining in Hospital Dec. 31, 1888.	
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	50	763	571	1334	806	285	50	3	153	1307	86
Locomotor Ataxia	1	5		5		6				6	
Local Paralysis		1		1		1				1	
Facial Paralysis		1		1		1				1	
Neurasthenia	2		2	2	2	2				4	
Neuritis	1	5	4	9	3	3			1	7	3
Multiple Neuritis	2	8	7	15	8	9				17	
Exophthalmic Goitre		1	4	5		3	2			5	
FUNCTIONAL DISEASES OF NERVOUS SYSTEM.											
Epilepsy (Single Fit)	1	10	1	11	7	4				11	1
Convulsions		2	1	3		1			1	2	1
Shaking Palsy	1	1		1		1			1	2	
Chorea	1				1					1	
Hysteria		1	17	18	10	6		2		18	
Catalepsy			1	1	1					1	
Neuralgia (General)	1	1	4	5	5	1				6	
Facial. Tic Douloureux		4	4	8	2	6				8	
Hemicrania		1	1	2	1	1				2	
Sciatica		17	5	22	2	18				20	2
Lumbago	1	10	4	14	9	6				15	
Cephalalgia		7	2	9	4	5				9	
Intercostal Neuralgia		1	5	6	5	1				6	
Myalgia		3	3	6	5					5	1
Hyperæsthesia		1		1	1					1	
Hypochondriasis		3		3		3				3	
Vertigo		2	2	4	4					4	
DISEASES OF INTELLECT.											
Mania	1		1	1			2			2	
Chronic			1	1			1			1	
Melancholia		1	4	5			4			4	1
Dementia			2	2			2			2	
Chronic		4	3	7		3	1		2	6	6
Carried forward	71	853	649	1502	876	366	71	5	158	1477	96

MEDICAL DISEASES. — *Continued.*

DISEASES.	In Hospital, Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	71	853	649	1502	876	366	71	5	158	1477	96
General Paralysis	...	3	...	3		1	1	1		3	
DISEASES OF THE CIRCULATORY SYSTEM.											
DISEASES OF THE HEART AND ITS MEMBRANES.											
Pericarditis		5		5	3	2				5	
Valve Disease.											
Aortic	8	22	12	34		25	2		10	37	
Mitral	9	43	40	83		64	3	1	21	89	3
Aortic and Mitral	1	13	4	17		15			2	17	1
Hypertrophy		1		1					1	1	
Cardiac: Variety undetermined	1	4		4		3	1		1	5	
DISEASES OF THE ARTERIES.											
Occlusion			1	1					1	1	
Aneurism		3		3		1	2			3	
DISEASES OF THE VEINS.											
Phlebitis		2	1	3	1	1		1		3	
DISEASES OF LARYNX.											
Laryngitis		2		2	2					2	
Acute		5	2	7	6					6	1
Chronic		1	2	3		3				3	
Œdema of the Glottis		1		1	1					1	
DISEASES OF TRACHEA AND BRONCHI.											
Bronchitis.											
Acute	6	33	29	62	46	22				68	
Chronic		6	7	13		11			2	13	
Capillary			1	1				...	1	1	
Asthma		8	9	17		11	1			12	5
DISEASES OF THE LUNG.											
Pneumonia	14	154	33	187	111	13			72	196	5
Passive Congestion			1	1		1				1	
Emphysema		3		3		1			2	3	
Carried forward	105	1162	791	1953	1046	539	81	8	271	1947	111

MEDICAL DISEASES. — *Continued.*

Diseases.	In Hospital Jan. 1, 1888.	Admitted.			Discharged.						Remaining in Hospital, Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	105	1162	791	1953	1046	639	81	8	271	1947	101
Chronic Pneumonic Phthisis	24	180	60	249	2	189	9	...	58	258	15
Diseases of the Pleura.											
Pleurisy	3	44	19	63	9	49	3		1	62	4
Empyema	2	4	4	8	1	6			3	10	
Hydrothorax		1		1					1	1	
Diseases of the Tongue.											
Glossitis		1		1	1					1	
Diseases of the Fauces and Palate.											
Quinsy		1		1	1					1	
Tonsillitis	2	22	34	56	51	5				56	2
Diseases of the Pharynx.											
Pharyngitis		3	2	5	4	1				5	
Diseases of the Stomach.											
Gastritis		6	27	33	18	13				31	2
Chronic Ulcer		2	3	5	2	2			1	5	
Dyspepsia		4	3	7	4	2				6	1
Gastro-Duodenitis	1	4	2	6	5	2				7	
Gastric Catarrh		2	1	3	2	1				3	
Carcinoma	1	3	4	7		1	3		4	8	
Diseases of the Intestines.											
Typhlitis		4	1	5	1		1		2	4	1
Dysentery		3	9	12	5	2			4	11	1
Intussusception		1		1					1	1	
Diarrhœa		7	16	23	19	4			...	23	
Colic		6	3	9	8					8	1
Constipation		7	8	15	13	1		1		15	
Enteritis		3	1	4	2			2		4	
Diseases of the Liver.											
Hepatitis		2	2	4	1	2			1	4	
Simple Enlargement		1		1			1			1	
Cirrhosis	2	7	6	13		6	1		5	12	3
Carried forward	140	1480	1005	2485	1195	825	99	11	358	2484	141

MEDICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	140	1480	1005	2485	1195	825	99	11	358	2484	141
Jaundice		1		1					1	1	
Gall Stones			1	1		1				1	
Carcinoma		2	3	5		1	3		1	5	
DISEASES OF THE PERITONEUM.											
Peritonitis		1	9	10	2	6			2	10	
Ascites	1					1				1	
DISEASES OF URINARY SYSTEM. DISEASES OF KIDNEY.											
Acute	6	18	8	26	18	5			5	28	4
Chronic	17	42	23	65		44			34	78	4
Fatty		1	1	2		1			1	2	
Lardaceous			1	1					1	1	
Movable Kidney			1	1							1
Renal Colic		1	1	2	1	1				2	
DISEASES OF THE BLADDER.											
Cystitis		2	3	5	2	2		1		5	
Acute		1		1		1				1	
Chronic			1	1		1				1	
Carcinoma		1		1					1	1	
Hæmaturia (Vesical)	1	1	1	2	1	2				3	
Paralysis			1	1		1				1	
Irritability			1	1	1				...	1	
DISEASES OF WOMEN. DISEASES OF THE OVARY.											
Complex Cystic Tumor			1	1				1		1	
DISEASES OF BROAD LIGAMENT.											
Pelvic Peritonitis			6	6		4		...	1	5	1
Pelvic Cellulitis	4		44	44	18	29	1	1		44	4
Abscess			6	6	1	2	1		2	6	
DISEASES OF THE WOMB.											
Catarrh (Leucorrhœa)			1	1		1				1	
Subinvolution			2	2		2				2	
Hyperplasia			1	1		1				1	
Carried forward	169	1551	1121	2672	1234	931	104	14	407	2686	155

MEDICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	169	1561	1121	2672	1234	931	104	14	407	2686	155
Inflammation			1	1	1					1	
Granular Inflammation			9	9	7			1		8	1
Carcinoma	2		4	4		3			2	5	1
Epithelioma			2	2		1	1			2	
Lacerated Cervix	2		20	20	7	15				22	
Non-Malignant Tumors			1	1	1					1	
Fibrous Tumors	1		11	11		9	1			10	2
Polypus			1	1		1				1	
Anteversion			6	6		5				5	1
Retroversion	1		22	22	5	17		1		23	
Anteflexion			5	5	2	2				4	1
Retroflexion			3	3	2					2	1
Prolapsus			3	3	2			1		3	
Procidentia			2	2		2				2	
Inflammation of Vagina	2		11	11	5	8				13	
FUNCTIONAL DISEASES OF WOMEN.											
Dysmenorrhœa			2	2	2					2	
Menorrhagia			4	4	3				1	4	
Metrorrhagia	1		5	5	2	3	1			6	
Pregnancy			4	4	2	1				3	1
DISEASES OF PREGNANCY.											
Abortion	2		23	23	16	7		1		24	1
Premature Labor			9	9	9					9	
Labor at Term			8	8	6	1			1	8	
Puerperal Eclampsia			2	2					1	1	1
DISEASES OF CUTANEOUS SYSTEM.											
Erythema		2	1	3	2	1				3	
Nodosum		1		1	1					1	
Eczema		1		1		1				1	
Herpes		2		2	2					2	
Myxœdema			1	1		1				1	
Carried forward	180	1557	1281	2838	1811	1009	107	18	412	2858	165

MEDICAL DISEASES. — *Concluded.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	180	1557	1281	2838	1311	1009	107	18	412	2853	165
POISONS, METALS, AND THEIR SALTS.											
Arsenic		...	1	1					1	1	
Mercury			1	1					1	1	
Lead		3		3	2		1		...	3	
Colic		1		1		1				1	
VEGETABLE POISONS.											
Opium		1	2	3	1			...	2	3	
Opium Habit			1	1		1				1	
Abuse of Alcohol (Alcoholismus)	2	88	30	118	45	44	1	3	23	116	4
Hemlock		1		1					1	1	
Tobacco, abuse of		1		1	1					1	
GASEOUS POISONS.											
Ammonia		1		1	1	...				1	
Coal Gas		2		2	1					1	1
Carbon Disulphide		1		1			1			1	
UNCLASSIFIED.											
Debility	5	45	88	133	78	46		1	6	131	7
Diagnosis undetermined	4	25	30	55	26	7	1	7	11	52	7
Infancy		4	8	12	7			1	3	11	1
Inanition		4	3	7	2		1		4	7	
Otitis			2	2		1				1	1
Surgical		2		2				2		2	
Gonorrhœa		1	1	2	1	1				2	
Vesico-Vaginal Fistula			2	2		1		1		2	
Laceration of Perinæum			5	5	3	2				5	
Phantom Tumor			1	1	1					1	
Transferred for Surgical Treatment		18	9	27		2	7	18		27	
Malingering		1		1	1					1	
No Disease		17	13	30	24			5		29	1
Not treated		2		2				2		2	
Grand Total	191	1775	1478	3253	1505	1115	119	57	461	3257	187

SURGICAL DISEASES.

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.					Remaining in Hospital Dec. 31, 1888.	
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
GENERAL DISEASES.											
Diphtheria	3	34	77	161	14	16			129	159	5
Phagedæna		2		2		2				2	
Gangrene (Senile)			1	1					1	1	
Erysipelas, Simple		7	9	16	2	10			2	14	2
Phlegmonous		5	1	6		2		1	2	5	1
Diffuse Inflammation of Cellular Tissue		1		1		1				1	
Purpura		1		1		1				1	
Diabetic Gangrene		1		1					1	1	
Pyæmia	1	2		2		2			1	3	
Syphilis		2	1	3		3				3	
Primary			1	1		1				1	
Secondary		4		4		4				4	
Tertiary		1	4	5		4				4	1
Soft Chancre		3		3		3				3	
Bubo (hard or suppurating)	1					1				1	
Condylomata	1	1	1	2	1	2				3	
Cancer		7	11	18		10	4	1	2	17	
Epithelial		8	2	10	1	8		1		10	
Sarcoma	1	12	4	16		10	1	2	4	17	
NON-MALIGNANT TUMORS.											
Adenoma		1		1		1				1	
Fatty		2	1	3	2	1				3	
Dentigerous Cyst		1		1		1				1	
Lupus	...	1		1		1				1	
Rickets	1		1	1		1			1	2	
DISEASES OF THE BRAIN AND ITS MEMBRANES.											
Meningitis		1		1					1	1	
Carried forward	8	147	114	261	20	85	5	5	144	259	10

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	8	147	114	261	20	85	5	5	144	259	10
Abscess of the Brain		1		1					1	1	
Cerebral Tumor		1	1	2					1	1	1
DISEASES OF THE NERVES.											
Neuritis		2		2		1				1	1
Neuroma		1	2	3	1	2				3	
FUNCTIONAL DISEASES OF NERVOUS SYSTEM.											
Hydrophobia		1		1					1	1	
Laryngismus Stridulus		1		1		1				1	
Neuralgia		3	1	4		4				4	
Irritable Stump	1	3		3		4				4	
Traumatic Psychoneurosis			1	1		1				1	
Alcoholism		4	2	6	1	4			1	6	
Delirium Tremens		2		2					2	2	
DISEASES OF THE EAR.											
Disease of Mastoid Cells		1	2	3		2			1	3	
Necrosis of Petrous Bone		1		1	1					1	
Otitis Media	1	7	9	16	5	10		1		16	1
Abscess of Mastoid	1	3	5	8	5	3			1	9	
Polyp		2		2		2				2	
Otitis Externa acuta			1	1		1				1	
Lachrymal Abscess		1		1		1				1	
Ectropion		1		1	1					1	
DISEASES OF THE NOSE.											
Epistaxis		1	1	2		2				2	
Polypus Nasi		1		1		1				1	
Ulcer			2	2		1		1		2	
DISEASES OF THE ARTERIES.											
Aneurism		2		2		1			1	2	
Rupture of Arteries	1					1				1	
DISEASES OF THE VEINS.											
Phlebitis		1	3	4		3				3	1
Carried forward	12	187	144	331	34	130	5	7	153	329	14

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	12	187	144	331	84	130	5	7	153	329	14
Suppurative		1	...	1		1				1	
Phlegmasia Dolens			1	1		1				1	
Varicose Veins		3	3	6	2	4				6	
Ruptured Varix		2		2		1			1	2	
DISEASES OF THE ABSORBENTS.											
Inflammation of Lymphatics			1	1		1				1	
Suppuration of Lymphatics		1		1							1
Inflammation of Glands	1	2		2		3				3	
Suppuration of Glands	...	2	5	7		7				7	
Hypertrophy of Glands		2	2	4	1	2		1		4	
Scrofulous Disease of Glands	1	9	11	20	1	19			1	21	
DISEASES OF DUCTLESS GLANDS.											
Suppurating Bronchocele		1		1		1				1	
DISEASES OF THE LARYNX.											
Laryngitis (Specific)		1		1					1	1	
Laryngitis		4	2	6		4			2	6	
Œdema of the Glottis		1		1	...	1				1	
Spasm of the Glottis			1	1	1					1	
Cancer		3		3		3				3	
Stenosis			1	1	..	1				1	
DISEASES OF LIPS AND MOUTH.											
Stomatitis		1		1		1			...	1	
Cancer (Epithelial)		13	2	15	1	12	...		1	14	1
DISEASES OF THE JAWS.											
Cancer	...	2		2		1		1		2	
Alveolar Abscess	1	5	2	7		6		1		7	1
Necrosis		4	3	7		7				7	
DISEASES OF THE GUMS.											
Gingivitis		1		1		1				1	
Epulis			1	1		1				1	
DISEASES OF THE TONGUE.											
Cancer		2		2		2				2	
Carried forward	15	247	179	426	40	210	5	10	159	424	17

SURGICAL DISEASES — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	15	247	179	426	40	210	5	10	159	424	17
Glossitis	1				...	1				1	
DISEASES OF THE FAUCES.											
Tonsillitis	1	11	1	12	1	12				13	
DISEASES OF THE PHARYNX AND SALIVARY GLANDS.											
Abscess		4	1	5	1	4				5	
Bronchial Cyst		2		2		2				2	
DISEASES OF THE ŒSOPHAGUS.											
Cancer of Stomach		1		1		1				1	
Cancer of Pylorus		1		1			1			1	
DISEASES OF THE INTESTINES.											
Obstruction		4	2	6		3	1		2	6	
Internal Strangulation		1		1					1	1	
Intussusception			1	1		1				1	
HERNIA.											
Inguinal, Strangulated		4	2	6	1	2			3	6	
Reducible		17		17	3	10	1	3		17	
Femoral, Strangulated	1	1	2	3		2			2	4	
Reducible		2	1	3		2		1		3	
Pentyphlitic Abscess	2	1		1		3				3	
Peritonitis		5		5	1		1		3	5	
Sarcoma (Mesentery)			1	1					1	1	
Cyst of Gall Bladder			1	1		1				1	
Foreign Body		1		1		1	...			1	
DISEASES OF THE RECTUM.											
Ulceration		5	1	6		5		1		6	
Fistula in Ano		27	7	34	2	25	1	1	1	30	4
Hæmorrhoids		19	7	26	5	20		1		26	
Internal	1	7	3	10		11				11	
Papilloma		1		1			1			1	
Ischio-rectal Abscess	4	20	3	23	1	21		1		23	4
Fissure of the Anus		2	1	3	1	2				3	
Incontinence of Fæces		1		1				1		1	
Carried forward	25	384	213	597	56	339	11	19	172	597	25

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	25	384	213	597	56	339	11	19	172	597	25
Prolapsus		1	2	3	1	1		1		3	
Stricture		2		2		2				2	
Condyloma	...		1	1		1				1	
Cancer		6	5	11		4	5	2		11	
DISEASES OF URINARY SYSTEM. DISEASES OF KIDNEY.											
Abscess (Perinephritic)		...	2	2		2				2	
Pyelitis		2	...	2		2				2	
DISEASES OF THE BLADDER.											
Cystitis	1	10	1	11		9	2	1		12	
Recto-vesical fistula			1	1		1				1	
Villous Tumor			1	1		1				1	
Calculus		5		5	2	3				5	
Tumor		1		1					1	1	
Foreign body			1	1		1				1	
Hæmaturia		2		2		2				2	
Incontinence of Urine		1		1			1			1	
Retention of Urine		1		1			1			1	
DISEASES OF THE PROSTATE GLAND.											
Inflammation		3		3		2	1	..		3	
Abscess		1		1			1			1	
Chronic Enlargement		17		17		11			5	16	1
Cancer		2		2			1		1	2	
GONORRHŒA AND ITS COMPLICATIONS.											
Gonorrhœa		2		2		2				2	
Phimosis		6		6	1	4		1		6	
Paraphimosis		4		4		4				4	
Bubo	3	31	2	33		33				33	3
Epididymitis	2	14		14	2	14				16	
Rheumatism		1		1		1				1	
DISEASES OF THE MALE URETHRA.											
Stricture, Organic	2	38		38	1	35		1	1	38	2
Carried forward	33	534	229	763	63	474	23	25	180	765	31

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	33	534	229	763	63	463	23	25	180	765	31
Stricture, Traumatic		2		2		2				2	
Spasmodic		1		1		1				1	
Rupture of	2	3		3	1	4				5	
Ulceration of		1		1		1				1	
Urinary Abscess		2		2		2				2	
Urinary Fistula	1	8		8		7		1		8	1
Extravasation of Urine		3		3		1	1		1	3	
Impacted Calculus		1		1		1				1	
Contusion of		1		1		1				1	
Peri-urethral Abscess	1	2		2		3				3	
DISEASES OF THE SCROTUM.											
Abscess		1		1					1	1	
Perineal Abscess		2		2		1				1	1
DISEASES OF THE CORD.											
Encysted		1		1		1				1	
Varicocele		4		4	1	2		1		4	
Twist		1		1		1				1	
DISEASES OF THE TUNICA VAGINALIS.											
Hydrocele		5		5	1	3	1			5	
Hæmatocele		1		1		1				1	
DISEASES OF THE TESTICLE.											
Orchitis, Acute		9		9		9				9	
Chronic		3		3		3				3	
Epididymitis		5		5		5				5	
Cystic Disease		1		1		1				1	
Neuralgia		1		1				1		1	
Scrofulous Disease		6		6		5		1		6	
Sarcoma		1		1		1				1	
Gumma		1		1	1					1	
DISEASES OF PENIS.											
Phimosis		5		5	2	3				5	
Carried forward	37	605	229	834	69	522	25	29	182	838	--

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	37	605	229	834	69	522	25	29	182	838	33
Cancer	1	3		3	..	3	1			4	
Congenital deformity		1		1		1				1	
DISEASES OF FEMALE ORGANS OF GENERATION. DISEASES OF OVARY.											
Encysted Dropsy			1	1				1		1	
Complex Cystic Tumor			4	4	1	2		1		4	
DISEASES OF BROAD LIGAMENT.											
Cancer			1	1					1	1	
Abscess			2	2		1	1			2	
DISEASES OF THE WOMB.											
Inflammation			1	1		1				1	
Metrorrhagia			1	1		1				1	
Fibrous Tumors			1	1		1				1	
Cancer	1						1			1	
Lacerated Cervix		..	1	1		1				1	
Specific Ulcer of Cervix	1					1				1	
DISEASES OF THE VAGINA.											
Gonorrhœa			1	1		1				1	
Vesico-vaginal Fistula			1	1							1
DISEASES OF THE VULVA.											
Inflammation of Labia			1	1		1				1	
Abscess			3	3		3				3	
Mucous Cyst		...	1	1	1					1	
Venereal Warts	...		1	1		1			..	1	
Lacerated Perineum			1	1	...	1				1	
Hæmatoma of Labium			1	1		1		...		1	
DISEASES OF THE FEMALE BREAST.											
Inflammation.											
Chronic			2	2	1	1				2	
Paget's Disease			2	2		2				2	
Abscess			5	5	1	2				3	2
Carried forward	40	609	260	869	73	547	28	31	183	873	36

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 31, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	40	609	260	869	73	547	28	31	183	873	36
Cancer			13	13	3	5		2	2	12	1
Scirrhus			1	1		1				1	
Non-Malignant Tumors			7	7	4	2		1		7	
DISEASES OF BONES.											
Ostitis	1					1				1	
Periostitis	3	5	2	7		10				10	
Caries		8	2	10		8				8	2
Necrosis	6	30	11	41	2	35	2	3		42	5
Osteo-Sarcoma		6		6			2		3	5	1
Exostosis			1	1		1				1	
Scrofulous Disease		1	1	2	1	1				2	
DISEASES OF JOINTS.											
Synovitis.											
Acute	1	27	10	37		36		1		37	1
Chronic	1	6	5	11		10		1		11	1
Scrofulous Disease		4	5	9		5	1		1	7	2
Morbus Coxæ	2	10	6	16		11		1	1	13	5
Abscess		1	1	2		1			1	2	
Ankylosis		2	1	3		1		1		2	1
Dropsy of Joints	1	1		1		2				2	
Loose Cartilage		3		3		3				3	
Neuralgia			1	1							1
Rheumatoid Arthritis	2	1		1		3				3	
Genu Valgum		1				1				1	
DISEASES OF THE SPINE.											
Caries and Necrosis	2	12	5	17		10	1	2	4	17	2
Psoas and Lumbar Abscess		4	2	6		3	1		1	5	1
Angular Curvature			1	1		1				1	
Lateral Curvature			1	1				1		1	
DISEASES OF TENDONS.											
Teno-synovitis		1		1		1				1	
Carried forward	59	732	336	1068	83	699	35	44	196	1068	59

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 31, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	59	732	336	1068	83	699	35	44	196	1068	59
Club-foot.											
Talipes Varus		1		1		1				1	
Talipes Valgus			1	1							1
Talipes Equino-Varus			2	2		1				1	1
Wry Neck			2	2		1	1		.. .	2	
DISEASES OF THE APPENDAGES OF THE MUSCULAR SYSTEM.											
Bunion		1		1		1				1	
Bursitis	2	7	9	16	4	13		1		18	
Contraction of Plantar Fascia		1		1				1		1	
Dupuytren's Contraction	1	1	.. .	1		1		1		2	
DISEASES OF THE CELLULAR TISSUE.											
Cellulitis	6	65	10	75	3	70	1		3	77	4
Abscess	1	46	18	64	2	54		2	4	62	3
Sphacelus	...	2		2							2
Pelvic Abscess	2					1			1	2	
Cervical Abscess		4	2	6	1	5				6	
Palmar Abscess		2		2		2				2	
DISEASES OF CUTANEOUS SYSTEM.											
Erythema			2	2		2				2	
Eczema		10	3	13		12				12	1
Frostbite		7		7		7				7	. ..
Ulcer	9	32	18	50	2	56				58	1
Boil		2	3	5	...	5				5	
Carbuncle		6	2	8		7				7	1
Onychia		1		1		1				1	
Felon		. ..	1	1		1				1	
Bedsore	1					1				1	
Ecthema		1		1		1				1	
Chilblains	. ..	1		1		1				1	
Nævus			4	4	1	3				4	
Wen		5	1	6		5		1		6	
Carried forward	81	927	414	1341	96	951	37	50	204	1349	73

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining In Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	81	927	414	1341	96	951	37	50	204	1349	73
Ingrown Toe-nail		4	6	10		10				10	
Cicatrices	1	4		4	1	2	2			5	
Corns		1		1		1				1	
Dermatitis	1	2		2		3				3	
Ivy Poisoning		1		1	1					1	
Herpes Zoster		1		1		1				1	
Mal Perforane		3		3		3				3	
INJURIES.											
Burns	2	26	31	57	3	33			14	50	9
Multiple Injuries	1	26	3	29	2	15			12	29	1
Hanging			1	1		1				1	
Incised Wounds		1		1		1				1	
Contusions	2	19	12	31	3	28		1		32	1
Abrasions		1		1		1				1	
Bite		1		1		1				1	
Gunshot Wound	2	25	1	26	3	19		1	2	25	3
Scalds		2	1	3		2				2	1
Immersion		1		1		1				1	
Exposure to Cold	1	7		7		8				8	
LOCAL INJURIES.											
Cephalhæmatoma		4	1	5	1	4				5	
Scalp wound; bone exposed	2	43	11	54	8	47				55	1
Scalp wound; bone not exposed	1	36	8	44	4	36			1	41	4
Concussion of the Brain	1	19	2	21	2	13		1	5	21	1
Fracture of the Vault of the Skull		1		1					1	1	
Fracture Simple, with depression		3	1	4		1			3	4	
Compound, without depression		7		7	1	6				7	
Compound, with depression	1	5	1	6	1	3			2	6	1
Bullet Wound		1		1					1	1	
Fracture of the base of the Skull		17	1	18		2	3		13	18	
Laceration of the Brain, without fracture		1		1					1	1	
Carried forward	96	1189	494	683	126	1193	42	53	259	1684	95

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital, Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	96	1189	494	683	116	1193	42	53	259	1684	95
Injuries of the Vessels		1		1					1	1	
INJURIES OF THE FACE.											
Contusion		6		6		6				6	
Wound		7	7	14	1	10	...	1		12	2
Injuries of Vessels		6	1	7	1	6				7	
Fracture of the Facial Bones		10		10		10				10	
Fracture of the Lower Jaw	2	3		3		5				5	
Fracture of the Jaw, compound		4		4	1	3				4	
INJURIES OF THE NECK.											
Contusion of Soft Parts		5	1	6		6		...		6	
Wound, Cut Throat	1	6		6	2	5				7	
Foreign bodies in the Pharynx		1		1		1				1	
Fracture of Laryngeal Cartilage		1		1		1				1	
INJURIES OF THE CHEST.											
Contusion	2	17		17	1	16	1	1		19	
Fracture of Ribs	1	16	4	20		19			2	21	
Fracture of Ribs, with injury of Lung		14		14		12			2	14	
Fracture of the Sternum		1		1		1				1	
Wound of Parietes		1	2	3		3				3	
Perforating wound of the Chest		2		2					2	2	
INJURIES OF THE BACK.											
Contusion		7	1	8		7				7	1
Sprain		3		3	...	3				3	
Concussion of Spine		1		1		1				1	
Fracture of Spine		8	1	9					8	8	1
Dislocation of Spine		1		1		1				1	
Injury of the Cord, without fracture		2		2			1			1	1
INJURIES OF THE ABDOMEN.											
Contusion		2		2		2				2	
Contusion, with rupture of Viscera		2		2		2				2	
Penetrating wound of Parietes		2		2	1	1				2	
Carried forward	102	1318	511	829	123	1314	44	55	274	1831	100

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relived.	Not Treated.	Died.	Total.	
Brought forward	102	1318	511	829	123	1314	44	55	224	1831	100
INJURIES OF THE PELVIS.											
Contusion		1	1	2		2				2	
Fracture of Pelvis		8	1	9		6			3	9	
INJURIES OF THE UPPER EXTREMITIES.											
Contusion		11	1	12		12				12	
Sprain		1		1		1				1	
Wound		17	2	19		19				19	
Lacerated Wound of Hand		45	10	55	1	48	1	1	1	52	3
Wound of Joint		1		1		1				1	
Foreign Bodies Imbedded		6	1	7		7				7	
Greenstick Fracture		2		2		2				2	
Fracture of the Clavicle	1	11	3	14	2	13				15	
Fracture of the Scapula	1	1		1		2				2	
Fracture of the Humerus	4	25	9	34	2	34				36	2
Fracture of the Humerus, compound		6	1	7		3		...	3	6	1
Fracture of the Forearm		7	3	10		8			1	9	1
Fracture of the Forearm, compound		6		6		4				4	2
Colles' Fracture	2	8	10	18		20				20	
Fracture of the Carpus, Metarcarpus or Phalanges		2	...	2		1				1	1
Fracture of the Carpus, Metarcarpus or Phalanges, Compound		5		5		5				5	
Dislocation of the Sterno-clavicular Joint		2		2		2				2	
Dislocation of the Acromio-clavicular Joint	...	3		3		3				3	
Dislocation of the Shoulder		5	3	8		8				8	
Dislocation of the Elbow	1	6		6		6	1			7	
Dislocation of the Wrist and Carpus		2	1	3		3				3	
Dislocation of Phalanges, compound		1	1	2		2				2	
INJURIES OF THE LOWER EXTREMITIES.											
Contusion	1	29	16	45	5	39		1	1	46	
Carried forward	112	1529	574	1103	133	1565	46	57	283	2105	110

SURGICAL DISEASES. — *Continued.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Brought forward	112	1529	574	1103	133	1565	46	57	283	2105	110
Sprain	4	48	8	56	1	57			1	59	1
Wound	3	22	4	26	4	22		1	1	28	1
Lacerated Wound of Foot		24	1	25	2	17			1	20	5
Wound of Joint		5		5		5				5	
Foreign Bodies Imbedded		3		3	1	2				3	
Fracture of the Femur	6	22	8	30	1	20		2	4	27	9
Fracture of the Femur, compound		3	1	4		1			3	4	
Re-fracture of the Femur	1					1				1	
Fracture of the Cervix Femoris	1	5	7	12		10			3	13	
Fracture of the Patella		7		7		6				6	1
Fracture of the Patella, compound	1	2		2		3				3	
Fracture of the Leg, both bones	7	38	14	52	2	45			2	49	10
Fracture of the Leg, both bones, comp.	5	10	1	11		12				12	4
Greenstick Fracture, both bones			1	1		1				1	
Fracture of the Tibia, alone	2	14	4	18	2	15				17	3
Fracture of the Tibia, compound	2	5		5		7				7	
Fracture of the Fibula, alone	4	36	9	45		45			1	46	3
Fracture of the Fibula, compound		2		2		2				2	
Fracture of the Bones of the Foot	1	8		8		9				9	
Fracture of the Bones of the Foot, Compound	1	7		7		6	1			7	1
Dislocation of the Hip		1		1		1				1	
Dislocation of the Knee		2		2		1	1			2	
Pott's Fracture	6	8	2	10		16				16	
Dislocation of Semilunar Cartilage	1					1				1	
Dislocation of the Foot at the Ankle		3	1	4		2				2	2
Dislocation of the Foot at the Ankle, Compound	1	2	1	3		3				3	1
Dislocation of the Tarsus		1		1		1				1	
Dislocation of the Metatarsus and Phalanges		1		1		1				1	
Dislocation of the Metatarsus and Phalanges, Compound		1		1		1				1	
Carried forward	158	1809	636	1445	146	1678	48	60	299	2452	151

SURGICAL DISEASES. — *Concluded.*

DISEASES.	In Hospital Jan. 1, 1888.	ADMITTED.			DISCHARGED.						Remaining in Hospital Dec. 31, 1888.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	No. Treated.	Died.	Total.	
Brought forward	158	1809	636	1445	146	1878	48	60	299	2452	151
INJURIES NOT CLASSIFIED.											
Rupture of Muscle		1		1		1				1	
Rupture of Tendon		1		1		1				1	
Wound of Nerve	1	1		1		1	1			2	
No Disease	1	4	15	19				16		16	4
No Diagnosis	1	37	26	63	1	24	1	25	12	63	1
Old Excision Tibia		1		1		1				1	
Empyema		2	1	3		3				3	
Hypochondria		2		2		2				2	
Supernumerary Fingers		1		1		1				1	
Cirrhosis (Liver)			1	1		1				1	
Aural (not classified)		1	4	5		4				4	1
Grand Total...	161	1860	683	2543	157	1928	50	101	311	2547	157

SURGICAL OPERATIONS.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Amputations —										
Of arm	3	1	4		2			2	4	Shock.
Of cervix uteri		1	1		1				1	Partial; for diagnosis.
Of toe	9	3	12	1	11				12	
Of finger	31	5	36		35	1		...	36	
Of foot	2	1	3	1	2				3	
Of hand	1		1		1				1	
Of leg	5	1	6	1	4		1		6	
Of thigh	10		10	1	6			3	10	1 shock, 2 days. 1 diabet. coma, 4 days.
Of supernumerary finger	1		1		1		...		1	1 amyloid — exhaustion, 42 days.
Artificial anus		1	1					1	1	1 strangulated hernia.
Aspiration —										
Of bladder	1		1		1				1	
Exploratory		1	1		1				1	
Of knee	3		3		3				3	
Cauterization, condyloma		1	1		1				1	
Circumcision	13		13	3	10				13	
Castration	6		6	1	5				6	
Calculus, vesical		1	1		1				1	Removed per urethram.
Colotomy	3		3		2	1			3	Cancer of rectum.
Cotting's op., ingrown toe-nail	2	3	5		5				5	
Cystotomy, supra-pubic,	1		1					1	1	Uræmia, 2 days.
Curetted —										
Sinuses	5	1	6		5		1		6	
Uterus		2	2		2				2	
Empyæma	3		3		3				3	
Excisions —										
Of astragalus	2		2		2				2	Dislocations.
Of ankle	1	2	3		2		1		3	
Of carpus (semi-lunar)	1		1		1				1	Dislocation.
Of elbow	2		2		2				2	
Of femur (head)	1		1				1		1	
Carried forward	106	24	130	8	109	2	4	7	130	

SURGICAL OPERATIONS. — *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Brought forward ..	106	24	130	8	109	2	4	7	130	
Of jaw	1		1		1				1	
Of metacarpals.	1		1		1				1	
Of metatarsals.	1		1		1				1	
Of tibia and fibula		1	1		1				1	
Of toe-nail	4	4	8		8				8	
Of varix		1	1	1					1	
Of wrist		1	1		1				1	Tuberculous caries.
Foreign bodies removed,	4	2	6	1	5				6	
Blank cartridge	8	1	9	1	8				9	
Bullets	7		7		7				7	
Search for	3		3		3				3	
Floating cartilage	2		2		2				2	
Fractures, compound ..	9	1	10		9			1	10	Shock of injury.
Of skull	3		3	1	1			1	3	Hernia cerebri; death, 1½ hours.
Hernia —										
Heaton's operation ...	2		2			2			2	
Herniotomy	6	2	8	3	5				8	
With resection of gut.	1	1	2					2	2	4 in. gut, death, 17 hours. Shock. 24 in. gut, death, 8 hours. Collapse.
Macewen's operation.	12	1	13	7	5			1	13	Not from operation.
Hydrocele —										
Injected (iodine)	2		2		2				2	
Tapped	1		1		1				1	
Radical cure	4		4	1	3				4	
Incisions —										
Abscess, alveolar	3	2	5		5				5	
" abd. wall	1	1	2		2				2	
" arm		1	1		1				1	
" axilla	2	2	4		4				4	
" breast		3	3	1	2				3	
" cervical, sup ..	6	2	8		8				8	
" " deep.	7	2	9	1	7			1	9	Phthisis.
" chest wall ...	3	1	4		3	1			4	
" face	4	2	6		6				6	
" hand	10	1	11		11				11	
Carried forward ..	213	56	269	25	222	5	4	13	269	

SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Brought forward...	213	56	269	25	222	5	4	13	130	
Abscess, groin.....	1		1		1				1	
" ischio-rectal ..	15	2	17		17				17	
" jaw.....	3	1	4		4				4	
" knee-joint.....		1	1		1				1	
" leg	11	4	15		14			1	15	Probably tuberc. meningitis, 22d day.
" mastoid.....	5	8	13	7	4			2	13	1 6 weeks, abscess of brain. 1 meningitis, 8 days
" lumbar	3		3		3				3	
" parotid	2		2		2				2	
" pelvic.....		2	2		1			1	2	37th day, exhaustion.
" periarticular ..	1		1		1				1	
" perineal.....	6		6		6				6	
" perinephritic..		1	1		1				1	
" perityphlitic ..		3	3	1	2				3	
" psoas.....	3		3		2			1	3	Exhaustion.
" retro-pharyngeal.....	1		1					1	1	Pneumonia.
" scrotal.....	1		1					1	1	Absorption.
" sacrum.....	1		1		1				1	
" sub-maxillary .		1	1		1				1	
" testicle.....	1		1		1				1	
" tonsil	4		4		4				4	
" thigh	3		3		3				3	
" vulva		2	2		2				2	
" peri-urethral..	1		1		1				1	
Aneurism.....	1		1					1	1	Hæmorrhage.
Bronchocele (suppurat'd)	1		1		1				1	
Bubo.....	27	1	28	...	27		1		28	
Bursitis præpatellar	2	8	10	2	8				10	
Cellulitis	23	3	26	1	23		1	1	26	Septicæmia.
Cyst, dentigerous.....	1		1		1				1	
Glossitis	1		1		1				1	
Periostitis	2		2		2				2	
Elephantiasis	1		1		1				1	
Hæmatoma	1		1		1			.. .	1	
Phlebitis.....	1		1		1				1	
Synovitis	1		1		1				1	
Carried forward...	337	93	430	36	361	5	6	22	430	

SURGICAL OPERATIONS. — *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Brought forward ..	337	93	430	36	361	5	6	22	430	
Intubation —										
For Diphtheria.....	50	50	100	8	14			78	100	Convulsions 1 Heart failure, 1 day.. 1 " " 4 days. 1 " " 5 " 2 " " 8 " 1 Obstruction low, 1 day 19 Obstruction low, 2 days..... 11 Obstruction low, 3 days..... 7 Obstruction low, 5 days..... 2 Obstruction low, 8 days..... 1 Plugging of tube with membrane, 2 days. 1 Pneumonia, 2 days.. 2 " 23 days.. 1 Sepsis, 1 day..... 6 " 2 days 11 " 3 days 8 " 4 days 2 " 10 days 1 Total..... 78
[Of these intubations, 17 were followed by tracheotomy, and death.]										
For retaining trachea tube	1		1					1	1	Obstruction by intubation tube in bronchus.
Lacerated perineum....		1	1		1				1	
Laryngotomy.....		1	1					1	1	Œdema of glottis.
Laparotomy —										
Bullet-wound	1		1		1				1	
Cyst, cancerous		1	1					1	1	Exhaustion.
" of gall bladder..		1	1		1				1	
Exploratory.....		1	1					1	1	Heart failure.
Internal strangulated hernia.....	1		1					1	1	Obstruction not discovered.
Peritonitis	4	1	5	1		1		3	5	1 collapse, 36 hours. 1 " 1 shock.
Pyelo-nephritis.....	1		1		1				1	
Sarcoma of mesentery		1	1					1	1	Shock.
Volvulus	1		1					1	1	Shock, 12 hours.
Abdominal hysterectomy.....		1	1		1				1	
Ovarian cyst		3	3	1	2				3	
Ligation —										
Varicocele	3		3		3				3	
Varicose veins	1		1		1				1	
Carried forward ...	400	154	554	46	386	6	6	110	554	

SURGICAL OPERATIONS. — *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Brought forward ..	400	154	554	46	386	6	6	110	554	
Nævus		4	4	1	3				4	
Lithotomy	2		2	1	1				2	
Lithotrity	1		1		1				1	
Meatotomy	7		7	2	5				7	
Necrosis —										
Multiple	1		1		1				1	
Of astragalus.....	1		1		1				1	
" femur	1		1		1				1	
" lower jaw	4	3	7		7				7	
" upper jaw.....	1		1		1				1	
" os calcis.....		1	1		1				1	
" rib.....		1	1		1				1	
" skull.....	1		1		1				1	
" foot.....	4	1	5		4	1			5	
Nerve suture		1	1		1				1	
Osteotomy	2	3	5		3			2	5	1 shock, 20 hours. 1 absorption.
Of femur.....		1	1				1		1	
Paraphimosis.....	1		1		1				1	
Perineal section	5		5		5				5	
For extrav. of urine ..	1		1					1	1	Shock, 6 hours.
" prostatotomy.....	1		1					1	1	Debility and bronchitis, 12 weeks.
Plastic operation	2		2		2				2	
Cicatrix (painful)	1		1			1			1	
Face, lupus		1	1		1				1	
Face, new nose		2	2	1	1				2	
Skin grafting.....	1		1		1				1	
Syndactylism	2		2		2				2	
Prostatotomy, supra pubic	1		1					1	1	Debility and exhaustion.
Rectum —										
Fissure, dilated	1	1	2		2				2	
Fistula, cut	29	5	34	3	30			1	34	Pneumonia.
Hæmorrhoids, cut....	4	2	6		6				6	
" cauterized	14	4	18	2	16				18	
Carried forward ...	488	184	672	56	485	8	7	116	672	

SURGICAL OPERATIONS. — *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Brought forward..	488	184	672	56	485	8	7	116	672	
Hæmorrhoids, injected .	1		1		1				1	
" ligated ...	6	2	8		8				8	
Stricture, cut.....		1	1		1				1	
" dilated.....	1		1		1				1	
Ulcer, cauterized.....	2		2		2				2	
Reduction dislocation—										
Ankle.....	2		2		2				2	
Elbow	5		5		5				5	
Hip.....	1		1		1				1	
Shoulder	5		5		5				5	
Thumb	1		1		1				1	
Wrist	1	1	2		2				2	
Tibia	1		1		1				1	
Refracture—										
Ulna.....	1		1		1				1	
Radius.....	1		1		1				1	
Sequestrotomy	15	4	19		19				19	
Sutured wounds—										
Body	4	1	5	1	4				5	
Face	10		10		9			1	10	
Upper extremities....	11	3	14	1	12		1		14	
Lower "	18	1	19	2	15		1	1	19	Shock. 5 hours.
Scalp	29	5	34	2	31			1	34	Œdema of lungs.
Severed digits.....	2		2		2				2	
Tendon	4	2	6		6				6	
Cut throat.....	4		4	1	3				4	
Sinus dilated.....	1	1	2		2				2	
Tenotomy—										
Rheumatic contractions.....	1		1		1				1	
Dupuytren's contractions.....	1		1		1				1	
Talipes, equino-varus.		2	2		2				2	
Wry-neck		1	1			1			1	
Carried forward...	616	208	824	63	624	9	9	119	824	

SURGICAL OPERATIONS. — *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Brought forward..	616	208	824	63	624	9	9	119	824	
Tracheotomy —										
For cancer of larynx..	2		2		2				2	
For cut throat.....	1		1					1	1	Immediate collapse.
For fracture of larynx,	1		1		1				1	
For diphtheria	30	31	61	1	6			54	61	Convulsions..... 1 Exhaustion, 1 day.... 1 During operation..... 3 Obstruction low, 1 day 8 Obstruction low, 2 days 18 Obstruction low, 3 days 2 Obstruction low, 4 days 5 Obstruction low, 8 days 1 Sepsis, 1 day..... 8 " 2 days..... 6 " 4 " 1 54
[Of these tracheotomies, 17 followed intubation, and were all followed by death.]										
Trephine —										
Skull	5		5				1	4	5	1 shock, 48 hours. 1 cerebral laceration. 1 convulsions; exhaustion. 1 shock.
For cerebral tumor...	1		1					1	1	Shock; ½ hour.
Tumors —										
Adenoma, neck.....	1		1		1				1	
Aural polypi.....	2		2		1			1	2	Abscess of brain, 5 days.
Cancer of breast		10	10	2	8				10	
" of axilla	3	3	6		6				6	
" of prepuce....	1		1		1				1	
Cyst, branchial.	2		2		2				2	
" of labium.....		1	1	1					1	
Epulis		1	1		1				1	
Epithelioma of face...	2		2		2				2	
" lip....	14	2	16	2	14				16	
" hand..	1	1	2		2				2	
" neck..	2		2		2				2	
" vulva.		1	1		1				1	
" jaw...	1		1					1	1	10 days. Inhalation pneumonia.
" palate	1		1		1				1	
Fibro-myoma		1	1		1				1	
Carried forward ..	686	259	945	69	676	9	10	181	945	

SURGICAL OPERATIONS. — *Concluded.*

OPERATIONS.	Male.	Female.	Total.	Well.	Relieved.	Not Relieved.	Improved.	Died.	Total.	REMARKS.
Brought forward...	686	259	945	69	676	9	10	181	945	
Non-malignant, of breast.....		10	10	5	4			1	10	17 days. Septicæmia.
Lipoma	2	1	3	2	1				3	
Neuroma	1	2	3	1	2				3	
Papilloma (bladder)..		1	1		1				1	
Sarcoma, arm.....	1		1					1	1	9 days. Septicæmia.
" axilla.....		1	1		1				1	
" hand.....	1		1		1				1	
" neck.....	5		5		2			3	5	1 Pneumonia. 1 Erysipelas. 1 Recurrent disease.
" thigh.....	3	1	4		1	2		1	4	1 Exhaustion, 1 week.
Scrofulous glands	13	7	20	1	18			1	20	1 Pneumonia.
Venereal warts.....		1	1		1				1	
Wens.....	4	1	5		5				5	
Twist of Spermatic cord	1		1		1				1	
Urethral operations—										
Stricture dilated	5		5		5				5	
" int. urethrotomy	13		13		13				13	
" ext. "	7		7		7				7	
" both operations	6		6		6				6	
Urinary fistula (incised)	2		2		2				2	
Vesico-vaginal fistula..		1	1		1				1	
Wiring bones—										
Femur.....		1	1		1				1	
Forearm	1		1		1				1	
Jaw	1		1		1				1	
Leg.....	1		1		1				1	
Patella.....	2		2		2				2	
Grand total.....	754	287	1041	78	754	11	10	188	1041	

DISEASES OF THE EYE.

Cases treated in Hospital from Jan. 1 to Dec. 31, 1888, inclusive.

DISEASES.	Men.	Women.	Total.	Well.	Relieved.	Total.	Remaining in Hospital Dec. 31, 1888.
CONJUNCTIVA.							
Conjunctivitis, catarrhal	3		3	1	1	2	1
Gonorrhœal		6	6		6	6	
Diphtheritic		1	1		1	1	
Traumatic	3		3		3	3	
Trachoma	1	1	2		2	2	
CORNEA AND SCLEROTIC.							
Keratitis		3	3	2	1	3	
Phlyctenular	1	6	7	3	4	7	
Traumatic	5		5		5	5	
Ulcer	3	4	7	3	4	7	
Abscess	1		1		1	1	
Wounds	1		1		1	1	
Staphyloma	2		2		2	2	
LENS.							
Cataract —							
Senile	9	7	16	10	6	16	
Traumatic	2		2	1	1	2	
Incipient	1		1	1		1	
Capsule torn		2	2	1	1	2	
GLOBE.							
Panophthalmitis	1		1	1		1	
Foreign body in the globe	1		1		1	1	
LACHRYMAL APPARATUS.							
Abscess of sac		1	1	1		1	
LIDS.							
Blepharitis	1		1		1	1	
Epithelioma	1	1	2	2		2	
Carried forward	36	32	68	26	41	67	1

DISEASES OF THE EYE. — *Concluded.*

Diseases.	Men.	Women.	Total.	Well.	Relieved.	Total.	Remaining in Hospital Dec. 31, 1888.
Brought forward	36	32	68	26	41	67	1
ORBIT.							
Painful stump	1		1	1		1	
NERVES AND MUSCLES.							
Convergent strabismus	1		1	1		1	
IRIS, CILIARY BODY, AND CHOROID.							
Iritis	2		2	1	1	2	
Rheumatic	1	1	2	1	1	2	
Syphilitic	1		1	1		1	
Choroiditis	1		1		1	1	
Glaucoma		2	2	2		2	
MISCELLANEOUS.							
No disease		1	1	1		1	
Grand total	43	36	79	34	44	78	1

OUT-PATIENT DEPARTMENT.

MEDICAL.

IN CHARGE OF DRS. F. H. WILLIAMS, BUCKINGHAM, AND WITHINGTON.

From Jan. 1 to Dec. 31, 1888, inclusive.

DISEASES.	Males.	Females.	Total.
GENERAL DISEASES.			
A.			
Chicken Pox		1	1
Measles	4	2	6
Typhoid Fever	4	2	6
Febricula	8		8
Intermittent Fever	3	1	4
Quotidian	5		5
Tertian	4		4
Irregular	6	2	8
Hooping Cough	2	2	4
Mumps	4	2	6
Erysipelas	3	4	7
B.			
Acute Rheumatism	53	31	84
Subacute Rheumatism	11	10	21
Gonorrhœal Rheumatism	2		2
Muscular Rheumatism	27	17	44
Chronic Rheumatism	48	27	75
Chronic Rheumatic Arthritis	3		3
Syphilis	9	2	11
Primary	1	1	2
Secondary	1	3	4
Tertiary	1	3	4
Scrofula enlarged Gland	1		1
Scrofula without Tubercle		1	1
Carried forward	200	111	311

MEDICAL OUT-PATIENT DEPARTMENT. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	200	111	311
Scrofulous Disease of Glands	5	5	10
Phthisis Pulmonalis	218	99	317
Hæmoptysis	7	6	13
Tubercular Peritonitis	1		1
Rachitis	1		1
Diabetes	3	1	4
Purpura Rheumatica	1		1
Anæmia	25	112	137
Chlorosis		1	1
Fibroid Phthisis	1	1	2
Pseudo-Leucæmia	1		1
DISEASES OF THE NERVOUS SYSTEM.			
Sunstroke, and effects of	1		1
Chronic Hydrocephalus	2		2
DISEASES OF THE NERVES.			
Paralysis Agitans	1		1
Infantile Paralysis		1	1
Neurasthenia	4	12	16
Post-Diphtheritic Paralysis	2		2
FUNCTIONAL DISEASES OF NERVOUS SYSTEM.			
Infantile Convulsions	1		1
Epilepsy (Single Fit)	4		4
Petit-mal	1	2	3
Chorea	4	1	
Hysteria	1	6	7
Neuralgia (General)	21	27	48
Facial. Tic Douloreux	2	3	5
Sciatica	7	4	11
Pleurodynia	2	3	5
Lumbago	22	4	26
Cephalalgia	10	15	25
Intercostal Neuralgia	7	2	9
Myalgia	7	2	9
Podalgia	2		2
Carried forward	564	418	982

MEDICAL OUT-PATIENT DEPARTMENT. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	564	418	982
Hypochondriasis	8	1	9
Vertigo	2		2
DISEASES OF INTELLECT.			
Mania, Chronic		2	2
Dementia		1	1
Insomnia	4	5	9
DISEASES OF THE CIRCULATORY SYSTEM.			
DISEASES OF THE HEART AND ITS MEMBRANES.			
Endocarditis	1		1
Valve Disease	1		1
Aortic	3	6	9
Mitral	30	24	54
Aortic and Mitral	1	1	2
Functional, etc.	26	57	83
Cardiac Strain	1		1
Fatty Degeneration	1		1
Aneurism Aorta	1		1
Cardiac: variety undetermined		4	4
DISEASES OF RESPIRATORY SYSTEM.			
Hay Asthma	1	1	2
Cough	6	3	9
DIEASES OF NOSTRILS.			
Nasal Catarrh	2	1	3
DISEASES OF LARYNX.			
Laryngitis	3	4	7
DISEASES OF TRACHEA AND BRONCHI.			
Bronchial Catarrh	5	2	7
Bronchitis	61	38	99
Acute	31	24	55
Chronic	39	38	77
Capillary	1	1	2
Asthma	11	10	21
DISEASES OF THE LUNG.			
Pneumonia	8	3	11
Catarrhal	1		1
Carried forward	812	644	1,456

MEDICAL OUT-PATIENT DEPARTMENT. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	812	644	1,456
Pneumonia, Broncho	1		1
Apex Catarrh	1		1
Emphysema	9	1	10
Acute Pneumonic Phthisis	2		2
DISEASES OF THE PLEURA.			
Pleurisy, with effusion	12	8	20
Pleurisy, without effusion	9	3	12
DISEASES OF THE DIGESTIVE SYSTEM.			
Stomatitis	1	5	6
DISEASES OF THE TEETH, GUMS, ETC.			
Teething	1		1
DISEASES OF THE FAUCES AND PALATE.			
Tonsillitis	7	3	10
DISEASES OF THE PHARYNX.			
Pharyngitis	16	13	29
DISEASES OF THE STOMACH.			
Gastritis	17	8	25
Chronic Ulcer		1	1
Dyspepsia	69	87	156
Gastrodynia	2	4	6
Cancer	2	1	3
Gastro-Duodenitis	10	13	23
Gastric Catarrh	31	35	66
Atonic Dyspepsia		2	2
DISEASES OF THE INTESTINES.			
Hemorrhage		1	1
Chronic Diarrhœa	2	1	3
Diarrhœa	11	14	25
Constipation	79	135	214
Enteritis	18	13	31
DISEASES OF THE LIVER.			
Hepatitis	2	1	3
Cirrhosis	2		2
Jaundice		1	1
Gall Stones	1		1
Carried forward	1,117	994	2,111

MEDICAL OUT-PATIENT DEPARTMENT. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	1,117	994	2,111
Pancreas, Malignant Tumor		1	1
DISEASES OF THE PERITONEUM.			
Peritonitis	1		1
Ascites		1	1
DISEASES OF URINARY SYSTEM.			
DISEASE OF KIDNEY.			
Bright's Kidney, Acute	12	2	14
Chronic	9	2	11
Renal Calculus	2		2
DISEASES OF THE BLADDER.			
Cystitis	6	2	8
Chronic	1		1
Hæmaturia (Vesical)	3		3
Irritability	1	1	2
Incontinence of Urine	6	2	8
Spermatorrhœa	4		4
DISEASES OF WOMEN. OF THE OVARY.			
Inflammation		1	1
Fibrous Tumor		1	1
Inflammation of Vagina		1	1
Inflammation of Labia		3	3
Pruritis		1	1
FUNCTIONAL DISEASES OF WOMEN.			
Amenorrhœa		16	16
Irregular Menstruation		2	2
Dysmenorrhœa		3	3
Menorrhagia		1	1
Metrorrhagia		1	1
Pregnancy		7	7
Menopause		2	2
DISEASES OF PREGNANCY.			
Abortion		1	1
DISEASES OF CELLULAR TISSUE.			
Obesity		2	2
Carried forward	1,162	1,047	2,209

MEDICAL OUT-PATIENT DEPARTMENT. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	1,162	1,047	2,209
DISEASES OF CUTANEOUS SYSTEM.			
Erythemia, Læve	1		1
Urticaria		1	1
Psoriasis		1	1
Herpes, Zoster	1	3	4
Preputu	1		1
Excoriation	1		1
Ped. pubis		1	1
Para-Nocturna	1		1
POISONS. METALS AND THEIR SALTS.			
Lead	11		11
Alcohol	8		8
Abuse of Alcohol (Alcoholismus)	17		17
Tea, Abuse of		1	1
UNCLASSIFIED.			
Debility	85	124	209
Diagnosis undetermined	104	77	181
Inanition	4	1	5
Surgical	6	4	10
Alveolar Abscess	1		1
Gonorrhœa	1	1	2
Swelling of Ankles	2		2
Goitre	1		1
Strain	2		2
No Disease	2	1	3
Furunculosis	3		3
Parasitic (Intestinal)	4	4	8
Axillary Tumor	2		2
Traum. Contusion Spine	1		1
Traum. Eye	1		1
Pain in Back	2	1	3
For. Body in Trachea		1	1
MEMORANDA FOR OUT-PATIENT DEPT.			
Referred to Surgical Dept.	48	32	80
" " Skin "	11	7	18
Carried forward	1,483	1,307	2,790

MEDICAL OUT-PATIENT DEPARTMENT. — *Concluded.*

DISEASES.	Males.	Females.	Total.
Brought forward	1,483	1,307	2,790
Referred to Eye Department	3	3	6
" " Ear "	1	3	4
" " Throat "	22	16	38
" " Nervous "	3	10	13
" " Women's "		51	51
" " Supt. for Admission	45	23	68
for other reasons	3	2	5
" " Children's Hospital	1	5	6
" " Dispensary		1	1
Rejected; able to pay	1	5	6
Eloped	3		3
Grand Total	1,565	1,426	2,991

OUT-PATIENT DEPARTMENT.

SURGICAL.

IN CHARGE OF DRS. BURRELL, WATSON, AND CUSHING.

From Jan. 1 to Dec 31, 1888, inclusive.

General Diseases.	
Erysipelas	5
Simple	2
Septicæmia	1
Empyema	3
Chronic osteo-arthritis	2
Syphilis	35
Primary	1
Secondary	2
Tertiary	3
Hard chancre	7
Soft chancre	9
Bubo (hard or suppurating)	11
Dactylitis syphilitica	1
Cancer (Epithelial)	10
Sarcoma	2
Non-Malignant Tumors.	
Adenoma	5
Fatty	4
Fibrous	2
Hæmatoma	4
Papilloma	6
Simple cysts, Serous	3
Sanguineous	1
Venereal warts	4
Lupus	3
Rodent ulcer	2
Scrofula	1
Rickets	6
Diseases of the Nerves.	
Neuroma	2
Paralysis	1
Infantile paralysis	1
Functional Diseases of Nervous System.	
Neuralgia	29
Sciatica	10
Lumbago	9
Alcoholism	1
Delirium Tremens	1
Acute rheumatism	12
Sub-acute rheumatism	21
Chronic rheumatism	1
Carried forward	223

Brought forward	223
Diseases of the Ear.	
Disease of mastoid cells	1
Diseases of the Eye.	
Abscess of tear-duct	1
Diseases of the Veins.	
Phlebitis	8
Phlegmasia dolens	1
Varicose veins	39
Nævus	1
Phlebolith	1
Diseases of the Absorbents.	
Inflammation of lymphatics	9
Inflammation of glands	51
Suppuration of glands	19
Hypertrophy of glands	29
Scrofulous disease of glands	41
Elephantiasis	1
Diseases of Ductless Glands.	
Bronchocele	3
Cystic bronchocele	1
Diseases of Lips and Mouth.	
Hare-lip	2
Stomatitis	3
Cancer (Epithelial)	10
Cyst of lip	1
Defective articulation	1
Diseases of the Jaws.	
Alveolar abscess	29
Necrosis	6
Periodontitis	5
Diseases of the Tongue.	
Syphilis	1
Cancer	1
Glossitis	1
Tongue-tie	1
Carried forward	490

Brought forward	490
Diseases of the Fauces.	
Tonsillitis	1
Cleft palate	1
Diseases of the Pharynx and Salivary Glands.	
Parotitis	10
Foreign body swallowed	2
Ranula	1
Diseases of the Intestines.	
Hernia — old operation	1
Inguinal, Reducible	34
Irreducible	1
Femoral, Reducible	2
Umbilical	9
Diseases of the Rectum.	
Fistula in ano	29
Hæmorrhoids	22
Internal	3
External	5
Ischio-rectal abscess	10
Fissure of the anus	2
Pruritus ani	1
Ulcer about anus	1
Prolapsus	4
Stricture	1
Cancer	2
Diseases of the Urinary System. Diseases of Kidney.	
Renal calculas	2
Hæmaturia	1
Diseases of the Bladder.	
Cystitis	8
Calculus	1
Gravel	3
Irritability	1
Incontinence of urine	3
Retention of urine	1
Diseases of the Prostate Gland.	
Inflammation	9
Irritation	1
Chronic enlargement	14
Gonorrhœa and its Complications.	
Gonorrhœa	97
Balanitis	5
Phimosis	4
Paraphimosis	7
Bubo	57
Epididymitis	31
Gleet	5
Carried forward	882

Brought forward	882
Diseases of the Male Urethra.	
Stricture	28
Organic	6
Traumatic	1
Urinary abscess	1
Urinary fistula	1
Periureth. absc.	1
Diseases of the Scrotum.	
Œdema	2
Perineal abscess	5
Diseases of the Cord.	
Hydrocele	1
Varicocele	9
Disease of the Tunica Vaginalis	
Hydrocele	18
Diseases of the Testicle.	
Orchitis	7
Acute	1
Chronic	2
Epididymitis	22
Contusion	1
Neuralgia	1
Scrofulous disease	4
Retained testis	2
Diseases of Penis.	
Phimosis	2
Paraphimosis	6
Verruca	2
Hypospadias	1
Herpes preput.	1
Chancroids	4
Preputial adhesions	2
" abscess	1
Balanitis	1
Unclassified	2
Diseases of the Female Organs of Generation.	
Diseases of Ovary.	
Fibrous tumor	1
Diseases of the Broad Ligament.	
Pelvic peritonitis	1
Diseases of the Vagina.	
Gonorrhœa	1
Carried forward	1020

Brought forward	1020
Diseases of the Vulva.	
Œdema of labia	1
Abscess	1
Chancroids	1
Congenital atresia of vulva	1
Diseases of the Female Breast.	
Inflammation: —	
Acute	1
Chronic	1
Sore nipples	1
Fissured nipples	1
Abscess	5
Cancer	2
Diseases of Bones.	
Ostitis	3
Periostitis	22
Diffuse Periostitis	3
Caries	8
Necrosis	16
Osseous tumor	1
Osteo-Sarcoma	1
Exostosis	1
Diseases of the Joints.	
Synovitis	48
Acute	13
Chronic	22
Scrofulous disease	11
Morbus coxæ	9
Arthritis	5
" Rheumatoid	10
Periartic. inflammation	8
Ankylosis	4
Dropsy of joints	1
Loose cartilage	1
Diseases of the Spine.	
Caries and necrosis	2
Psoas and lumbar abscess	1
Lateral curvature	1
Diseases of Tendons.	
Inflammation	3
Thecal abscess	1
Contraction	2
Teno-synovitis	14
Club-foot	1
Talipes valgus	2
Talipes equinus	1
Talipes equino-varus	1
Pes planum	7
Wry neck	6
Carried forward	1264

Brought forward	1264
Diseases of the Appendages of the Muscular System.	
Bunion	3
Ganglion	28
Bursitis	16
" præ-patella	9
Diseases of the Cellular Tissue.	
Cellulitis	258
Abscess	111
" axillary	12
" palmar	38
" of the cheek	5
" cervical	1
Phlegmonous erysipelas	1
Sphacelus	1
Carbuncle	2
Œdema	2
Diseases of Cutaneous System.	
Erythema	3
Eczema	78
Frostbite	4
Ulcer	193
Boil	75
Carbuncle	7
Onychia	16
Felon	57
Erythema nodosum	1
Para-onychia	12
Dermatitis	16
Wen	54
Condyloma	3
Ingrown toe-nail	32
Cicatrices, painful	8
Corns	11
Verruca	2
Ivy poisoning	8
Herpes zoster	3
Herpes circinata	1
Scabies	2
Urticaria	2
Tinea versicolor	1
Pediculi capitis	6
Cicatricial contraction	1
Injuries.	
Burns	98
Incised wounds	4
Contusions	5
Abrasions	1
Dog bite (and other animals)	41
Gunshot wound	16
Scalds	6
Exposure to cold	11
Carried forward	2529

Brought forward	2529
Local Injuries.	
Contusion	28
Scalp-wound; bone exposed	13
Scalp-wound; bone not exposed,	129
Concussion of the brain	2
Injuries of the Face.	
Contusion	47
Wound	56
Foreign bodies in the ear	2
Foreign bodies in the eye	16
Fracture of the facial bones	1
Fracture of lower jaw	12
Fracture of nose	7
Dislocation of jaw	1
Injuries of the Neck.	
Contusion of soft parts	5
Wound	3
Foreign bodies in the pharynx	1
Injuries of the Chest.	
Contusion	78
Fracture of ribs	50
Fracture of ribs with injury of lung	2
Wound of the parietes	2
Separation of cartilage, ninth rib	1
Injuries of the Back.	
Contusion	15
Sprain	24
Wound	1
Dislocation of axis	1
Contusion of coccyx	1
Fracture of coccyx	1
Injuries of the Abdomen.	
Contusion	1
Injury to kidney	1
Injuries of the Pelvis.	
Contusion	4
Wound of male perineum	2
Wound of scrotum	1
Fracture of pelvis	2
Injuries of the Upper Extremities.	
Contusion	337
Sprain	129
Wound	168
Lacerated wound of hand	220
Incised wound of hand	89
Incised wound of wrist	16
Wound of joint	1
Carried forward	3999

Brought forward	3999
Severed digits	11
Foreign bodies imbedded	23
Greenstick fracture	10
Fracture styloid process radius,	1
Fracture of the clavicle	65
" " scapula	3
" " humerus	41
" " " comp.	1
" " forearm	29
" " " comp.	2
Colles' fracture	76
Fracture of the elbow	20
" " " comp.	3
" " radius	22
" " ulna	14
" " olecranon	3
" " carpus, metacarpus of phalanges.	71
" " " comp.	28
Stellate fracture phalanges	4
Dislocation of radius	6
Dislocation of the acromio-clavicular joint	2
Subluxation of joint	1
Dislocation of shoulder	18
" " elbow	13
" " wrist and carpus	2
" " thumb	5
" " phalanges	10
" " " comp.	4
Old excision of elbow joint	1
Extra-articular adhesions about shoulder	1
Injuries of the Lower Extremities.	
Contusion	133
Sprain	104
Wound	32
Lacerated wound of foot	25
Sprain of knee	26
Wound of joint	1
Foreign bodies imbedded	13
Fracture of the femur	1
Fracture of the patella	1
" " " comp.	1
" " leg	15
" " " both bones.	8
" " " comp.	3
" " tibia, alone	18
Injury to tibia	3
Fracture of the fibula, alone	22
" " bones of the foot,	13
" " " comp.	3
Dislocation of the patella	2
" " knee	3
Old excision of knee	2
Injuries not Classified.	
Rupture of muscle	4
Rupture of tendon biceps	1
Carried forward	4923

Brought forward	4923
Muscular strain	8
Foreign substances in the cellular tissue	2
No disease	11
No diagnosis	328
Eloped	2
Not classified	36
" " of arm or shoulder,	9
" " of leg	5
" " of neck	1
Abnormal development of occipital protuberances	1
Exuberant granulations	2
Old amputation	2
Webbed fingers	1
Referred to: —	
Medical O. P. dept.	118
Carried forward	5449

Brought forward	5449
Ear dept.	11
Eye "	13
Skin "	55
Nervous dept.	50
Women's "	18
Superintendent: —	
For admission	183
" advice	11
Visiting surgeon for advice	53
Throat department	15
Children's hospital	19
Other hospitals	24
"Unfit"	8
	5909

Total for the year: —

Men	4,502
Women	1,407
	5,909

OUT-PATIENT DEPARTMENT.

DISEASES OF THE EYE.

IN CHARGE OF DRS. H. W. WILLIAMS AND WADSWORTH.

From Jan. 1 to Dec. 31, 1888, inclusive.

DISEASES.	Males.	Females.	Total.
CONJUNCTIVA.			
Conjunctivitis, catarrhal	207	352	559
" phlyctenular	14	28	42
" blennorrhœal	2	2	4
" gonorrhœal	1	1	2
" diphtheritic		1	1
" traumatic	10	3	13
Blennorrhœal neonatorum	1	2	3
Trachoma	9	5	14
Ecchymosis	3	1	4
Burns	9		9
Pinguecula	1		1
Pterygium	1	1	2
Foreign bodies	3	3	6
Papilloma	1		1
Conjunctivitis, follicular	2	1	3
CORNEA AND SCLEROTIC.			
Keratitis	5	11	16
" interstitial	1	2	3
" phlyctenular	12	27	39
" traumatic	1		1
Hypopion-keratitis	2		2
Ulcer	29	33	62
Abscess	3		3
Opacity	19	29	48
Pannus	1	2	3
Burns	1		1
Wounds	12	4	16
Staphyloma	1	4	5
Carried forward	351	512	863

DISEASES OF THE EYE. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	351	512	863
Sclero-keratitis	1	3	4
Episcleritis	1	1	2
Foreign bodies	36	6	42
Inflamed leucoma	3	1	4
Effusion in cornea	1		1
Herpes cornea	1		1
VITREOUS.			
Floating opacities	3	2	5
Muscæ volitantes (physiological)	1	1	2
LENS.			
Cataract	10	10	20
" senile	11	12	23
" traumatic	5		5
" equatorial	1		
" cortical	1	5	
" congenital	2		2
Dislocation	5	3	8
Aphakia	2	1	3
GLOBE.			
Phthisis bulbi	3	1	4
Disorganization from injury	1	4	5
Microphthalmos		3	3
Old enucleation	1	2	3
REFRACTION AND ACCOMMODATION.			
Myopia	12	27	39
Hypermetropia	24	58	82
Anisometropia		1	1
Astigmatism	10	22	32
Presbyopia	4	31	35
Asthenopia	5	11	16
Hemianopsia		1	1
LACHRYMAL APPARATUS.			
Blennorrhœa of sac	3	5	8
Abscess of sac	3	11	14
Fistula of sac	1		1
Carried forward	502	734	1,236

DISEASES OF THE EYE. — *Continued.*

Diseases.	Males.	Females.	Total.
Brought forward	502	734	1,236
Stricture of canaliculus		8	8
" of nasal duct	1	1	2
Eversion of punctum	1	1	2
Stricture of punctum		2	2
Epiphora	1	2	3
Lids.			
Blepharitis	10	24	34
Hordeolum	6	2	8
Abscess	3	3	6
Tumor of lid edge	1	4	5
Epithelioma	2		2
Chalazion	9	19	28
Entropion	2	7	9
Ectropion	2	1	3
Trichiasis	5	1	6
Distichiasis		1	1
Ecchymosis	1	2	3
Œdema	2		2
Wounds	2		2
Burn		1	1
Nævus	1		1
Meibomian cyst	1	1	2
Verruca palpabrarum		1	1
Nerves and Muscles.			
Convergent strabismus	9	7	16
Divergent strabismus		2	2
Insufficiency of the recti interni	4	15	19
Paralysis of third pair	1	1	2
" of sixth pair	1		1
" of facial	1		1
Blepharospasm		2	2
Mydriasis	2	1	3
Paralysis of inf. oblique	1		1
Diplopia		1	1
Iris, Ciliary Body and Choroid.			
Iritis	9	3	12
Carried forward	560	847	1,427

DISEASES OF THE EYE. — *Concluded.*

DISEASES.	Males.	Females.	Total.
Brought forward	580	847	1,427
Iritis, traumatic		2	2
" rheumatic	1	2	3
" syphilitic	7		7
Posterior synechiæ		4	4
Occlusion of pupil		2	2
Irido-choroiditis	1		1
Choroiditis	3	1	4
" disseminata		2	2
Sclero-choroiditis posterior	1		1
Glaucoma	5	2	7
Sympathetic ophthalmia	1		1
RETINA AND OPTIC NERVE.			
Retinitis, Pigmentosa		1	1
" Bright's		1	1
Separation of retina	2	4	6
Neuritis	8	3	11
Atrophy of optic nerve	13		13
Amblyopia	11	10	21
" ex abusu	1		1
Scotoma		1	1
Retinal hæmorrhage		1	1
" œdema		1	1
" rupture	1		1
" concussion	1		1
" anæsthesia		1	1
MISCELLANEOUS.			
No disease	3	5	8
No diagnosis	4	7	11
Not treated	6	11	17
Declined treatment		3	3
Rejected (able to pay)	6	13	19
Recommended for admission to hospital	1	1	2
Referred to nervous department	2	3	5
" to ear "		1	1
" to other hospitals or dispensaries	4	7	11
Grand total	662	936	1,598

OUT-PATIENT DEPARTMENT.

DISEASES OF THE SKIN.

IN CHARGE OF DRS. WIGGLESWORTH AND TILDEN.

From Jan. 1 to Dec. 31, 1888, inclusive.

DISEASES.	Males.	Females.	Total.
DISEASES OF THE GLANDS.			
Of the Sweat Glands—			
Hyperidrosis	2	1	3
Sudamen	2	1	3
Bromidrosis	1		1
Of the Sebaceous Glands—			
Seborrhœa	13	18	31
Comedo	5	7	12
Cyst		1	1
INFLAMMATIONS.			
Measles	1	1	2
Varicella	3	2	5
Erythema simplex	5	5	10
" multiforme	2	1	3
" nodosum	1	3	4
Urticaria	12	17	29
Dermatitis	11	4	15
" traumatica	3	1	4
" venenata	6	5	11
" calorica	2	1	3
" medicamentosa	2	1	3
Furunculus	12	4	16
Abscess	2	1	3
Herpes simplex	3	6	9
" zoster	5	4	9
Dermatitis herpetiformis	1		1
Psoriasis	9	10	19
Carried forward	103	94	197

DISEASES OF THE SKIN. — *Continued.*

DISEASES.	Males.	Females.	Total.
Brought forward	103	94	197
INFLAMMATIONS. — *Continued.*			
Pityriasis maculata et circinata		1	1
Lichen planus		1	1
Eczema	102	152	254
Acne	28	39	67
" Rosacea		2	2
Sycosis	1		1
Impetigo	12	13	25
" contagiosa	1	2	3
Pemphigus		1	1
HÆMORRHAGES.			
Purpura simplex	2	1	3
HYPERTROPHIES.			
Of Pigment —			
Lentigo		1	1
Chloasma		2	2
Melanoderma of Epidermal and Papillary Layers —			
Keratosis pilaris	1		1
" senilis	1	1	2
Callositas	1		1
Verruca	2	5	7
Xerrois	2	1	3
Ichthyosis	1	1	2
Of Connective Tissue —			
Rosacea erythematosa	2	3	5
ATROPHIES.			
Of Hair —			
Alopecia	2	1	3
" areata	1	4	5
NEW GROWTHS.			
Of Vessels —			
Angioma	1		1
Of Connective Tissue —			
Nævus		1	1
Carried forward	263	326	589

DISEASES OF THE SKIN. — *Concluded.*

DISEASES.	Males.	Females.	Total.
Brought forward	263	326	589
Of Granulation Tissue —			
Lupus Erythematosus		1	1
" Vulgaris	1	2	3
Scrofuloderma	3	4	7
Syphilis	20	31	51
Of Epithelial Tissue —			
Epithelioma	7	4	11
NEUROSES.			
Pruritus	11	16	27
PARASITIC AFFECTIONS.			
Vegetable —			
Tinea favosa	1	1	2
" circinata	9	17	26
" tonsurans	3	3	6
" sycosis	14		14
" versicolor	5	2	7
Animal —			
Scabies	60	19	79
Pediculosis capillitii	6	28	34
" corporis	3	7	10
" pubis	3		3
CASES NOT INCLUDED IN THE ABOVE.			
Myxœdema		1	1
Ulcers	2	6	8
Balanitis	1		1
Dactylitis		3	3
Adenitis	2	1	3
Vaginitis		1	1
Varicose veins		1	1
Total	414	474	888

OUT-PATIENT DEPARTMENT.

DISEASES OF THE NERVOUS SYSTEM.

IN CHARGE OF DRS. PRINCE AND KNAPP.

Jan. 1 to Dec. 31, 1888, inclusive.

1. Diseases of the Peripheral Nerves:	
a. Motor nerves —	
Alcoholic neuritis	3
Multiple neuritis	3
Ulnar neuritis	1
Radial neuritis	1
Sciatic neuritis	1
Chronic neuritis	4
Facial paralysis	4
Axillary paralysis	1
Ulnar paralysis	3
Radial paralysis	3
Brachial paralysis	3
Median paralysis	3
Peroneal paralysis	1
External popliteal paralysis	1
Peripheral paralysis	7
Diphtheritic paralysis	2
Traumatic paralysis	3
Professional paralysis	3
Injury ulnar nerve	4
Injury radial nerve	1
Injury median nerve	2
Injury anterior tibial nerve	1
Injury sciatic nerve	1
Spasm	4
Nystagmus	1
Torticollis	5
b. Sensory nerves —	
Optic neuritis	2
Paræsthesia	12
Neuralgia	62
Cephalagia	25
Amblyopia	1
Deafness	4
Amaurosis	1
Herpes zoster	2
Myalgia	1
2. Vasomotor and Trophic Neuroses:	
Migraine	3
Laryngeal paralysis	1
Carried forward	180

Brought forward	180
3. Diseases of the Spinal Cord:	
Caries of spine	1
Spinal meningitis	1
Anterior poliomyelitis	3
Paraplegia	1
Diffuse myelitis	1
Lateral sclerosis	4
Progressive muscular atrophy	1
Tabes dorsalis	2
Concussion	1
4. Diseases of the Brain:	
a. Diseases of the membranes of the brain —	
Meningeal hæmorrhage	1
Meningitis	1
b. Diseases of the Brain Substance —	
Hemiplegia	12
Thrombosis	1
Hæmorrhage	1
Tumor	1
Syphilis	3
Diseminated sclerosis	1
Paretic dementia	3
Injury to semicircular canals	1
5. Psychoses:	
Melancholia	4
Hebephrenia	2
Religious mania	1
Hypochondriasis	3
6. Psychical Degenerations:	
Folie du donte	1
Paranoia	1
Insanity	5
7. Functional Neuroses, and unclassified nervous affections:	
Chorea	24
Hysteria	5
Carried forward	266

Brought forward	266
Hysterical paralysis	2
Hemianæsthesia	1
Hysterical aphonia	1
Hystero-epilepsy	1
Eclampsia	2
Epilepsy	14
Neurasthenia	42
Neuroses	5
Spinal irritation	1
Nervousness	1
Somnolency	1
Paralysis agitans	2
Insomnia	3
Muscular irritability	1
Paresis	6
Atrophy	5
Stuttering	1
General tremor	1
Vertigo	6
Seminal emissions	2
8. Defects of development:	
Imbecility	2
Microcephalism	1
9. Poisoning:	
Bisulphide of carbon	1
Tobacco	1
Alcoholism	4
10. Miscellaneous:	
Strain	6
Malaria	1
Syphilis	5
Sunstroke	3
Lumbago	6
Rheumatism	8
Carried forward	402

Brought forward	402
Arthritis	2
Anæmia	3
Debility	18
Bronchitis	3
Phthisis	2
Mitral disease	4
Pericarditis	1
Angina pectoris	1
Gastritis	11
Gastralgia	1
Constipation	1
Typhoid fever	1
Tonsillitis	1
Parotitis	1
Œdema	1
Intestinal catarrh	1
Scalp wound	1
Injury to hand	1
Injury to back	1
Fracture, arm	2
Fracture, elbow	1
Fracture, wrist	1
Aural disease	1
Labyrinth disease	1
Injury to arm	1
Injury to leg	1
Hip disease	1
Hernia	1
Flatfoot	1
Teno-synovitis	1
Choroiditis	1
Rupture of muscle	1
Referred to other departments	43
No diagnosis	17
Not treated	14
Total	545

OUT-PATIENT DEPARTMENT.

DISEASES OF THE THROAT.

IN CHARGE OF DRS. DEBLOIS AND HOOPER.

From Jan. 1 to Dec. 31, 1888, inclusive.

Acute Pharyngitis, Laryngitis, and Rhinitis	36	*Brought forward*	527
Catarrhal Diseases of the Nose, Pharynx, and Larynx	376	Acute Tonsillitis	28
Referred to other departments	5	Chronic Tonsillitis	19
Nasal Polypi	16	Paralalia	1
Foreign Bodies in Nose	1	Adenitis	4
Epistaxis	7	Cyst of Epiglottis	1
Adenoid Vegetations	35	Phthisis Laryngitis	7
Deflection of Septum	4	Fracture of Larynx	1
Gumma of Soft Palate	1	Aphonia Spastica	5
Paralysis of Soft Palate	1	Specific Laryngitis	3
Specific Pharyngitis	20	Paralysis Vocal Cord	3
Elongated Uvula removed	4	Stricture of Œsophagus	1
Peritonsillar Abscess	4	Nasal Ulceration, Diphtheritic	1
Goître	4	Spasm Glottis	1
Suspected Foreign Body in Throat	3	Necrosis Septum	4
Parotiditis	2	Acute Pharyngitis, with Œdema,	1
Abscess of Tongue	2	Diphtheritic Paralysis	1
Stomatitis	5	Epithelioma of Tongue	1
Leucoplakia	1	Oral Catarrh	1
		Asthma	2
		Glossitis (Specific)	1
		Cleft Palate	1
Carried forward	527	Total	614

OUT-PATIENT DEPARTMENT.

DISEASES OF THE EAR.

IN CHARGE OF DRS. J. ORNE GREEN, LELAND AND SPEAR.

From Jan. 1 to Dec. 31, 1888, inclusive.

DISEASES.	Males.	Females.	Total.
DISEASES OF THE AURICLE.			
Abscess of lobule	1	1	2
Inflammation of lobule		1	1
Chancre	1		1
Eczema, acute	1	1	2
Hæmatoma		1	1
Post-aural abscess		1	1
DISEASES OF THE EXTERNAL MEATUS.			
Inflammation: —			
Acute, one	2	2	4
" both		1	1
Chronic, one		1	1
Specific		1	1
Accumulation of cerumen	42	20	62
Eczema, acute	1	12	13
" chronic		1	1
Foreign body	2	4	6
Furuncle		1	1
Aspergillus		1	1
DISEASES OF THE TYMPANUM.			
Inflammation: —			
Acute, one	18	15	33
" both	3	2	5
Catarrhal inflammation: —			
Acute, one	5	2	7
" both	3	1	4
Chronic, one	11	11	22
" both	25	17	42
Carried forward	115	97	212

DISEASES OF THE EAR. — *Concluded.*

DISEASES.	Males.	Females.	Total.
Brought forward	115	97	212
Purulent inflammation: —			
Acute, one	7	12	19
" both	1	5	6
Chronic, one	22	28	50
" both	5	20	25
with mastoid periostitis	3	2	5
" polypus	3	3	6
Adhesive inflammation: —			
One	10	12	22
Both	6	10	16
Results of previous purulent inflammation	3	4	7
Neuralgia of tympanic plexus	2	1	3
DISEASES OF THE EUSTACHIAN TUBE.			
Tubo tympanic catarrh	2	5	7
DISEASES OF THE MASTOID.			
Caries	1		1
DISEASES OF THE INTERNAL EAR.			
Labarynthine	1		1
Tinnitus	3	6	9
Nervous deafness	3	1	4
OTHER DISEASES.			
Trifacial neuralgia	1	2	3
Nasal catarrh	1		1
Referred to skin department	2		2
No disease	1	3	4
No diagnosis	1	1	2
Grand total	193	212	405

OUT-PATIENT DEPARTMENT.

DISEASES OF WOMEN.

IN CHARGE OF DRS. BOARDMAN AND C. M. GREEN.

From Jan. 1 to Dec. 31, 1888, inclusive.

Diseases of Bladder.	
Cystitis	2
Cystocele	2
Dysuria	2
Incontinence	1
Inflammation of Meatus	1
Vascular Tumor at Meatus	1
Vesical Irritation	5
Diseases of Broad Ligament.	
Pelvic Cellulitis	2
Acute	2
Subacute	1
Chronic	1
Diseases of Uterus.	
Carcinoma	3
Endometritis	3
Fibroid	3
Laceration of Cervix	20
Endocervicitis	3
Leucorrhœa	6
Parametritis	1
Subinvolution	3
Displacements.	
Antiflexion	14
Antiversion	5
Procedentia	4
Prolapse	24
Retroflexion	2
Retroversion	13
Diseases of Vagina.	
Vaginitis	10
" (Senile)	2
" (Gonorrhœal)	8
Diseases of Vulva.	
Cyst of Bartholin's Gland	1
Pudendal Abscess	4
Pruritus Vulvæ	5
Vulvitis	3
Functional Diseases.	
Amenorrhœa	28
Dysmenorrhœa	13
Carried forward	198

Brought forward	198
Menorrhagia	8
Menopause	2
Menses, beginning	1
" irregular	10
" deficient	4
Metrorrhagia	10
Pregnancy	28
Sterility	5
Unclassified.	
Anæmia	1
Cephalalgia	3
Chancroids	4
Constipation	8
Debility	63
Flatulency	5
Hernia (ventral)	1
Hæmorrhoids	1
Hymen inflamed	1
Lacerated Perineum	7
No Diagnosis	12
No Disease	3
Pelvic Abscess	2
" Peritonitis	7
Abortion threatened	1
" attempted	1
Referred to Dispensary	1
" Medical Dept.	12
" Nervous "	2
" Skin "	4
" Surgical "	1
" Superintendent	6
" Boston Lying-in Hospital	3
No treatment (non-resident)	5
" (declined examination and treatment	7
Excessive Coitus	1
Rectocele	2
Salpingitis	3
Syphiliphobia	1
Urethral Caruncle	1
Vesico-Uterine Fistula	1
" Vaginal "	1
Total	437

BEQUESTS.

GOODNOW FUND. — ELISHA GOODNOW, of South Boston, who died the year 1851, and whose will is dated July 12, 1849, bequeathed to the city "all the rest and residue of my estate, real and personal, not otherwise disposed of," for the purpose of establishing, in the Eleventh or Twelfth Wards of the city, a hospital for the sick; one-half of said funds to be applied for the establishment and maintenance of free beds, which should always be at the disposal and under the control of the Officers of the Government of said Hospital for the time being. Under this will the city came into possession of certain real estate situated on Cross street, which has been disposed of, and has produced the sum of $16,500, which has been invested in City of Boston Six per cent. Stock. Also a lot of land on Third street, South Boston, containing 6,683⅓ feet, which was disposed of in 1867 for $4,623.25, of which $4,000 has been invested in City of Boston five per cent. Stock, and the balance ($623.25) remained in the City Treasury at interest until it amounted to $1,000, and was invested in a City of Boston Six per cent. Currency Note. The $10,000 deposited by the Executors of Mr. Goodnow, June 22, 1852, with the Massachusetts Hospital Life Insurance Company, the interest upon which is to be paid to the widow, will, upon her decease, be distributed as follows: —

$500 to the Penitent Females' Refuge.

$5,000 to City of Boston; income to be expended for the relief of sick and infirm persons.

$4,500 to be added to the fund heretofore provided for the support of free beds in the City Hospital.

NICHOLS FUND. — LAWRENCE NICHOLS, who died in September, 1862, made the following bequest to the city: "I give to the City of Boston, towards the establishment and endowment of a City Hospital, in case such Hospital shall have been established at the time of my decease, the sum of one thousand dollars." And in case such Hospital should not have been established by the city at the time of his decease, he directed the same amount to be deposited with the Massachusetts Hospital Life Insurance Company, and suffered to accumulate, by the addition of interest, until such a Hospital should be established.

The executor of the will, Wm. Perkins, Esq., has paid into the treasury nine hundred and thirty-seven dollars and

twenty-five cents ($937.25), being the amount devised, less the *Internal Revenue Tax* on the same, and $530.50 as one of the "*residuary legatees in the United States*," from the surplus remaining undisposed of. The $937.25, with the accumulated interest thereon, has been invested in a certificate of City Stock for $1,000. The balance ($530.50) remained at interest until it amounted to $1,000, and was invested in a City of Boston Six per cent. Currency Note.

NORCROSS FUND. — 1868, January 1. The trustees received the sum of two thousand dollars from Hon. OTIS NORCROSS, as the foundation of a fund for the benefit of patients leaving the Hospital poor and destitute of proper clothing. The principal sum is invested in a City of Boston interest-bearing note, to be deposited with the City Auditor, the interest of which is to be collected annually or oftener, and paid over to the President of the Board of Trustees, for the time being, of the City Hospital, to be by him expended at his discretion for the benefit and temporary assistance of those patients who are in his judgment deserving, and who are destitute of proper clothing in which to leave the Hospital, and having no means of procuring it.

Balance on hand, Jan. 1, 1888 . . .	$85 18
Received interest	100 00
	$185 18
Expended	62 40
Balance, Dec. 31, 1888	$122 78

BALL FUND. — 1870, April 1. The Trustees received from the estate of Mr. JONAS BALL the sum of one thousand dollars for the same purpose, and under the same restrictions, as the Norcross Fund.

Balance on hand, Jan. 1, 1888 . . .	$99 19
Received interest	50 00
	$149 19
Expended	115 60
Balance, Dec. 31, 1888	$33 59

GOODNOW LIBRARY FUND. — 1874. Donation of GEORGE GOODNOW, the interest of which to be expended annually by this Board of Trustees in replenishing the library of the Hospital with books and pamphlets suitable for the reading of the patients during convalescence.

Balance on hand, Jan 1, 1888	$659 92
Received interest	60 00
	$719 92
Expended	000 00
Balance, December 31, 1888	$719 92

SHAW FUND. — 1875. Bequest of the late MARY LOUISA SHAW, the income of which to be expended by the Trustees for the purchase of flowers, and fruit for the use and comfort of the patients in the Hospital

Balance on hand, Jan. 1, 1888	$335 16
Received interest	120 00
	$455 16
Expended	99 50
Balance, Dec. 31, 1888	$355 66

RECAPITULATION CITY HOSPITAL TRUST FUNDS.

Goodnow Fund. — Two certificates, City of Boston Six per cent. Stock for $17,500, one of Five per cent. Stock for $4,000, and one of Four per cent. Stock for $4,500	$26,000
Nichols Fund. — Two certificates City of Boston Six per cent. Stock	2,000
Norcross Fund. — One certificate City of Boston Five per cent. Stock	2,000
Ball Fund. — One certificate City of Boston Five per cent. Stock	1,000
Goodnow Library Fund. — One certificate City of Boston Six per cent. Stock	1,000
Shaw Fund. — One certificate City of Boston Six per cent. Stock	2,000
	$34,000

The "Act to incorporate the Trustees of the City Hospitals of the City of Boston" (see Acts and Resolves, 1880, Chap. 174, approved April 7) provides that "money received by it shall be invested by the Treasurer of the City of Boston, under the direction of the Finance Committee of said city; and all securities belonging to said corporation shall be placed in the custody of said Treasurer; provided,

always, that both the principal and income thereof shall be appropriated according to the terms of the donation, devise, or bequest, under the direction of said corporations."

HOUSE RULES.

WITH RULES FOR ADMISSION, DISCHARGES, AND GOVERNMENT OF PATIENTS; ALSO RULES FOR VISITORS.

HOUSE RULES.

All employés shall be in their respective places during the hours of duty.

The doors and gates of the Hospital will be closed at 10 o'clock P.M., at which time all inmates shall be quiet, and all not on duty shall be in their rooms.

A record shall be kept of all persons entering the Hospital between the hours of 10 P.M. and 7.30 A.M.

No employés shall be absent from the Hospital, except as permitted by special rules or by the Superintendent.

The use of tobacco, wine, and intoxicating liquors is prohibited within the Hospital, unless prescribed by a Physician or Surgeon.

All profane and obscene language, loud talking, and incivility are prohibited.

All employés shall observe such further rules and directions for their conduct as may from time to time be established.

ADMISSION OF PATIENTS.

Applications for admission of patients may be made at the Hospital on each day of the week, Sunday excepted, between 9 and 12 o'clock A.M.

Whenever able, the patient shall apply in person. When not able to appear in person, on application made by a friend, the patient may be visited at his residence.

Any Trustee, or either of the Physicians or Surgeons in attendance, may, in case of emergency, send a patient in the first instance to the Hospital by written permit.

Persons accidentally wounded, or otherwise disabled or injured, shall be received at all hours.

Permits for admission shall be subject to the approval of the Visiting Committee, and the Committee shall, except as above, have power at any time to require the Superintendent to report to them the names of applicants before admitting them, and may dismiss any patient whom they think improperly admitted, or change the terms of admission.

Patients may be admitted by the Trustees to the privileges of the Hospital at such rates of board as the Trustees may, from time to time, determine, payment for such board being secured by the friends of the patients or by the authorities of the city or town to which the patients belong.

Whenever, in the opinion of the Trustees, the circumstances of the patient will warrant it, the whole or part of the board shall be paid. If separate apartments or articles not usually furnished at the Hospital are provided, such payment shall be made therefor as the Trustees shall deem reasonable.

No person having acute venereal disease or alcoholism shall be admitted except as a paying patient.

No person shall be admitted to the Hospital whose case is judged to be incurable, unless there be urgent symptoms, which are deemed capable of being relieved.

DISCHARGE OF PATIENT.

Patients shall be discharged by the Superintendent as before provided.

Patients discharged on the recommendation of the Physicians or Surgeons shall be provided with a certificate, stating their condition at the time of discharge, whether cured, relieved, or not relieved, which certificate shall be signed by the Superintendent.

Whenever a patient is removed from the Hospital without the approval of the Superintendent, a written statement to that effect shall be required from any person assuming the responsibility of the removal.

In case of the decease of a patient the Superintendent shall sign the death certificate. He shall also state the time and cause of death, the disposition made of the body, whether delivered to friends or buried from the Hospital, in which latter case he shall mention the place of interment.

The body of any person dying at the Hospital shall not be delivered without a written receipt from the parties taking the same.

GOVERNMENT OF PATIENTS.

Patients shall implicitly observe all the rules of the Hospital.

Patients shall be in their proper places in the wards during the visit of the Physicians and Surgeons, between 2 and 3 o'clock on visiting days, and always by 7.30 o'clock P.M., unless specially excused by the Superintendent.

Such free patients as are able shall assist in nursing, and in such other services as may be reasonably required of them.

No patient shall leave the Hospital grounds without a pass from the Superintendent, nor his ward, without the consent of the nurse in charge.

No patient shall purchase, or cause to be purchased for him, any article of food whatsoever, nor any other article, without the consent of the Superintendent.

Profane and obscene language, loud talking, and incivility are prohibited.

Patients may be visited by clergymen of their own selection, and any wish for the performance of any particular religious rite shall be indulged when practicable.

Complaints, for whatever cause, may be made to the Superintendent or Visiting Committee, and when reasonable shall be by them reported to the Trustees.

VISITORS.

No person shall visit any part of the premises, except on business, or at such times as may be fixed for the reception of visitors, without the permission of the Superintendent, or of some one of the Trustees.

On Monday, Tuesday, Thursday, and Saturday of each week, from 2 to 3 o'clock P.M., friends may be permitted to visit patients, though no patient shall receive more than two visitors on the same day. In all cases, however, the Trustees or Superintendent may exercise discretionary powers as to excluding or admitting visitors.

Patients who are considered dangerously ill are permitted to see friends in reasonable numbers, and at reasonable hours during the day, but friends visiting such patients should not remain later than 8 o'clock P.M., and are not permitted to remain all night unless it seems probable that such patients will not live through the night.

All visitors shall leave the Hospital when the bell rings at the expiration of the visiting hour.

No visitor shall take any meal in the Hospital, or pass the night therein, without permission from the Superintendent or one of the Trustees.

No visitor shall be allowed to give any article of food or drink to a patient, unless by permission of the nurse; and any article sent to a patient shall be left with the Superintendent.

THE BOSTON CITY HOSPITAL

TRAINING-SCHOOL FOR NURSES.

The Trustees of the Boston City Hospital, in 1878, established a Training School for Nurses, in order to give to women desirous of becoming professional nurses a systematic course of training and practice.

The course requires two years, and includes general medical and surgical nursing, together with ophthalmic, aural, and gynæcological nursing, and also the nursing of contagious diseases. Maternity nursing is theoretically taught, but there are no lying-in wards connected with the hospital.

Those wishing to receive such a course of instruction should apply to the Superintendent of the Boston City Hospital.

The most desirable age for candidates is from twenty-three to thirty-five years. They must be of sound health, and should send with their application a certificate from a physician, certifying to the fact. They should also send a brief personal history, and give the names and addresses of three responsible persons not of their own kin who know of their good character and capabilities. Upon the recommendation of the Superintendent and the approval of the Trustees, they will be received for two months on probation. The fitness of candidates for the training and work, and the propriety of retaining or dismissing them, will be determined by the authorities in charge of the school, under the direction of the Trustees.

At the end of the first month, candidates, if considered satisfactory, are permitted to wear the uniform, and enter upon the regular course of training; but such candidates are not permitted to join the school formally until the end of the

second month, when, if accepted, they sign an agreement to complete the prescribed course of two years, and to conform to all rules. At the end of the first six months the record and work of each pupil are carefully scrutinized as to her fitness to make a good nurse, and the right is reserved by the authorities of the Hospital to terminate, then, or any time, the connection of any pupil or nurse with the school for inefficiency, misconduct, generally unsatisfactory record, or for any other reason which may be deemed sufficient.

During the first two months pupils are called Probationers, for the remainder of the first year Junior Nurses, and during the second year, Senior Nurses. Nurses who remain in the hospital after graduation become Head Nurses.

The nurses in the Training School (including Probationers) reside at the Nurses' Home connected with the Hospital, which was specially built for this purpose, and has rooms for sixty-seven nurses. The house affords home-like surroundings, and has the best of conditions necessary to good health and personal hygiene.

The Superintendent of Nurses has the immediate charge of the Training School, under the authority of the Superintendent of the Hospital and of the Trustees, and the nurses are subject to the rules of the Hospital, like any other service.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind and cheerful.

The instruction includes the general care of the sick, the making of beds, changing bed and body linen, managing of helpless patients in bed, etc.; giving baths, keeping patients warm or cool, prevention and dressing of bed-sores, and proper management of the patient under various conditions, with different diseases or injuries; the making and applying of bandages and rollers, preparation of splints, application and management of surgical apparatus; applying of fomentations and poultices, the dressing of burns, ulcers, and wounds, and other minor dressings, cupping, leeching, and subsequent treatment; the administering of enemas and use of the female catheter.

Nurses are taught how to act in the various emergencies occurring in hospital and private nursing, as well as in the accidents of ordinary life. They are also given lessons in elementary *massage* and the application of friction to the body and limbs in the best method. There is a systematic course of training in sick cookery, the serving of food and delicacies in the proper manner, and the feeding of helpless patients, or those who resist food.

Instruction is also given in the best practical methods of supplying fresh air, of warming and ventilating sick-rooms in a proper manner, and the proper care of sick-rooms for the best good and comfort of the patient; in keeping all utensils and appliances perfectly clean and disinfected; in making accurate observations of the pulse, temperature, respiration, expectorations, the secretions, state of the skin and eruptions; of mental condition as to delirium, stupor, shock, etc.; of the condition as to sleep, appetite, effects of diet or of stimulants and medicines; the behavior of wounds, and the after-treatment in surgical operations; and in the managing of convalescents. Nurses are taught the administering of medicines, and the application of external remedies; how to take notes on cases, the making up of the nurse's record, and the reports to the attending doctor.

The course of training includes a fixed course of instruction during the two years from manuals and text-books, mainly given by the Superintendent of Nurses, the Assistant Superintendent of Nurses, and graduate head nurses. Lectures and demonstrations, chiefly upon practical points, are given at stated times by the medical and surgical staff of the Hospital. While the instruction by the manuals, text-books, lectures, demonstrations, quizzes, and models is considerable, the main reliance is upon accurate daily drill in the wards, operating-rooms, and other departments of the Hospital. Examinations, both written and oral, are held from time to time by the authorities of the school and by the Hospital staff, and nurses cannot pass to graduation unless attaining, on critical marking, at least seventy per cent.

The pupils are employed as assistant nurses in the wards,

operating-rooms, and out-patient departments of the Hospital. They are given six months' training in medical wards, and six months in surgical wards; the remainder of the time to be in such wards or departments as the management may appoint.

Probationers are not paid during their first month, but for the remaining months of the junior year they receive ten dollars ($10) per month, and for the senior year, fourteen dollars ($14) per month, to pay for the expenses of their uniform, personal clothing, and other minor requirements. This sum is in nowise intended as wages, it being considered that their education during this time is a full equivalent for their services. When the full term of two years is completed the nurses receive, if they pass all the examinations and are otherwise satisfactory, a diploma certifying to the regular course of training and practice, and are then permitted to wear the graduates' badge of the school.

The majority of graduates engage in private nursing, but some are invited to remain in the service of the hospital as head nurses, and receive twenty dollars ($20) per month for the first year, and after that time twenty-five dollars ($25) per month, with further opportunities of promotion. Such graduate head nurses as prefer to remain in hospital-work are given post-graduate instructions in ward management, hospital house-keeping, and minor administration.

The school year has no fixed date, but accepted candidates may enter at any time as vacancies occur. They are, as a rule, received in the order of acceptance, but those desiring to enter with less delay can generally anticipate a fixed date by placing themselves on the emergency list. When coming to the hospital they should bring with them the following articles: two or three gingham or calico dresses, made plainly; six large white aprons, made of bleached cotton, with bibs, plain at the top and gathered slightly at the bottom; two bags for soiled clothes; one pair of scissors and a pin ball; a good supply of plain underclothing — every article to be distinctly marked with the owner's name. Twenty-one pieces are allowed for the laundry each week.

Nurses must bring suitable outer-garments for all kinds of weather, and they are required to wear broad-toed and flat heeled boots. If the teeth are out of order in any way, they must receive attention before coming for the probationary month. Nurses are required to wear the training school uniform after they join the school. Material for dresses will be sold at cost price; caps are furnished free of charge.

Hours of duty for day nurses are from 7 A.M. to 8 P.M.; for night nurses from 8 P.M. to 7 A.M. No nurse is required to do both day and night duty on the same day, except in rare emergencies. Each nurse on day duty is allowed one hour after 2 o'clock P.M., for rest and recreation, one-half day after 2 P.M. each week, and four hours on Sunday. Two weeks' vacation is allowed each year. If nurses are sick they are cared for in the Hospital, but wages are stopped. Nurses on night duty are required to be in bed until 4 P.M. Nurses may be called upon for four months' night duty during the two years' training.

The following blank form will be furnished to applicants, to be filled in (in the candidate's own handwriting), and sent to the *Superintendent of City Hospital, Boston, Mass.*

QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Christian name in full of Candidate.
2. Are you single, widowed, or divorced?
3. Your present occupation or employment?
4. Age last birthday, and date and place of birth?
5. Height? Weight?
6. In what school or schools educated? and in what place?
7. Do you speak any language besides English?
8. Are you strong and healthy? and have you always been so?
9. Are your sight and hearing perfect?
10. Have you any physical defects?
11. Have you any tendency to pulmonary complaint, or any other disease?
12. If a widow, have you children? How many? Their ages? How are they provided for?
13. Are you otherwise free from domestic responsibility so that you are not liable to be called away?
15. Where (if any) was your last situation, and how long were you in it?
15. Have you ever been in any training school or employed in any hospital or asylum? If so, when and how long in each place?
16. The names in full and addresses of *three* persons, not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

Name
Address
has known me years.
Name
Address
has known me years.
Name
Address
has known me years.

Having read, clearly understanding, and fully agreeing to the foregoing conditions, I declare the above statements to be correct; and, if accepted as a candidate, will in all respects comply with all the regulations of the school and hospital.

Signed
Name of candidate in full.

Date 188 *Present Address*

Nearest Telegraph Station

THE COURSES OF INSTRUCTION.

JUNIOR YEAR.

Manual of Hospital Nurses *Domville.*
Manual of Medical and Surgical Nursing (1) . . . *Cullingsworth.*
Lectures on Nursing. [Selected chapters.] *Lückes.*
Manual of Monthly Nursing *Cullingsworth.*
Lectures on Fever Nursing (3) *Wilson.*
Handbook of Nursing. [Parts I. and III. (2) . . . *"New Haven."*
Critical Review of Dr. F. H. William's three lectures on medicines, administering, etc.
Critical Review of Dr. Bolles' three lectures on wounds, modes of healing, etc.
Glossaries, tables, technicals, etc. *Various.*
A lecture once a week (for thirty weeks) by a member of the Medical and Surgical Staff.
Instruction in the Wards by Head Nurses and Senior Nurses.

Collateral Reading.

(1) Medical Nursing *Anderson.*
(2) Textbook on Nursing *Weeks.*
(3) On Typhoid Fever *Cayley.*
(3) Notes on Fever Nursing *Allen.*

SENIOR YEAR.

Handbook for Hospitals (1) *Woolsey.*
Physiology, Anatomy, and Hygiene [complete] (2) . . . *Hutchinson*
General Anatomy [ten weeks], including instruction from Charts, Models and the Skeleton *Hartshorne.*
Notes on Surgery for Nurses *Bell.*
Notes on Epidemics and Contagious Diseases *Anslie.*
A lecture once a week [for thirty weeks] by a member of the Medical and Surgical Staff.
Practical Instruction in Sick Cookery . . . *Boston Cooking School.*
Practical Instruction in *Massage.* [Eight lessons.]
Instruction in the Wards by Assistant Superintendent of Nurses, Night Supervisor of Nurses, and Head Nurses.
Instruction and Drill in the Etherizing, Operating, and Recovery Rooms by the Assistant Superintendent of the Hospital and the Surgeons.

Collateral Reading.

(1) Notes on Hospital Nursing *Florence Nightingale.*
(1) Hospital Duties *Lückes.*
(2) Comprehensive Physiology and Hygiene *Cutter.*
Handbook for the Instruction of Attendants on the Insane. — Int. Com. Brit. Med. Psycho. Asso'n.

DISTRIBUTION OF STUDIES FOR 1889.

Monday	2 to 4 P.M.	Senior Nurses, Sick Cookery .	*Boston Cooking School.*
	3.30 P.M.	Senior Nurses, *Massage* . .	*Miss Rogers.*
	4.30 P.M.	Senior Nurses, Instruction and Drill in Surgical Operating-Room [8 weeks] . .	*Dr. Smith.*
Tuesday,	11 A.M.	Senior Nurses [section], Operating-Room.	
	2 P.M.	Senior Nurses [5th class], Recitation	*Miss Drown.*
	3.30 P.M.	Junior Nurses [3d class], Recitation	*Miss Stowe.*
	6.30 P.M.	Senior Nurses [section], *Massage*	*Miss Stowe.*
Wednes.,	3.30 P.M.	Senior Nurses [1st class, 2d Div.], Recitation . .	*Miss Drown.*
	6.30 P.M.	Senior Nurses [section], *Massage*	*Miss Jones.*
	7.15 P.M.	Night Nurses (on special duties of)	*Miss Riddle.*
Thursday,	2 P.M.	Senior Nurses; Instruction and Drill in Surgical Operating-Room [8 weeks] .	*Dr. Smith.*
	3.30 P.M.	Junior Nurses [4th class], Recitation	*Miss Drown.*
	3.30 P.M.	Senior Nurses [section], *Massage*	*Miss Rogers.*
Friday,	11 A.M.	Senior Nurses [section], in Operating-Room.	
	2 P.M.	Senior Nurses [1st class, 1st Div.], Recitation . .	*Miss Drown.*
	3 P.M.	Senior Nurses [2d class], Recitation	*Miss Stowe.*
	4 P.M.	Lecture to School in Operating Theatre by a member of the Medical and Surgical Staff.	
	6.30 P.M.	Senior Nurses (sec.) *Massage.*	*Miss Stowe.*
Saturday,	3.30 P.M.	Senior Nurses (sec.) *Massage.*	*Miss Jones.*

LIST OF LECTURES AND SUBJECTS.

A lecture is given to the Training School on Fridays, at 4 P.M., in the operating-room, by a member of the Medical and Surgical Staff, once a week between Sept. 15 and June 15. The following are among the lectures given: —

Five by Dr. G. W. GAY. — Surgical Dressings: poultices, washes, fomentations, bandaging, splints, leeches and blisters, enemas, surgical hemorrhage, etc.

Three by Dr. WM. P. BOLLES. — Theory of Wounds: modes of healing, granulations, ulcers, cellulitis, suppuration, sloughs, erysipelas, pyæmia, gangrene, sepsis, etc.

Two by Dr. FRANCIS S. WATSON. — Theory of Sepsis: aseptic treatment, different methods; dressings, with demonstrations and "quiz-drill."

Two by Dr. H. L. BURRELL. — Emergencies: hemorrhage, burns, heat-stroke, fits or seizures, drowning, fractures, immediate treatment of wounds and injuries, foreign bodies in eye, nose, and ear, poisons, domestic emergencies, and practice of expedients.

One by Dr. D. W. CHEEVER. — Surgical Operations: care of patient before, during, and after operations; anæsthesia and recovery; accidents, hemorrhage, shock, especially as in private nursing.

One by Dr. E. H. BRADFORD. — Abdominal Surgery: including ovariotomy, herniotomy, operations for abdominal injuries, etc.

One by Dr. ABNER POST. — Fractures: varieties, preparation and care of splints and apparatus for treatment, management of cases, etc.

Three by Dr. FRANCIS H. WILLIAMS. — Medicines: avenues of taking; preparation and doses; classes of internal and external poisons; cautions; hospital formulæ.

Two by Dr. A. L. MASON. — Nursing in Fevers: theory of fever, essential fevers, symptoms and course of, different plans of treatment, nurses' duties as to symptoms, bed, clothing, secretions, baths, food, and management of cases.

Two by Dr. C. F. WITHINGTON.—Symptomatology in Disease: What and how to observe accurately; vital organs and special symptoms. The model sickroom: temperature, light, ventilation, care of bed, bedding and clothing, furniture, utensils, disinfectants, cleansing, dusting, etc.

One by Dr. GEO. B. SHATTUCK. — Contagious Fevers and Epidemics: symptoms, course and treatment, prevention of contagion, disinfection, care of habitation, etc.

Three by Dr. T. M. ROTCH. — Care of Children in Health and Disease: diet and clothing of infants and children; various infantile diseases.

Two by Dr. O. W. DOE. — Confinements: before, during, and after delivery; care of mother and new-born child. Obstetrical Emergencies; demonstrations with manikin and child.

Two by Dr. C. M. GREEN. — Physiology of Pregnancy and Labor: delivery; confinement nursing.

One by Dr. GEO. H. LYMAN. — On Gynæcological Nursing: preparation of patient for examination or operation; operations after treatment, douches, use of catheter, etc. (Demonstrations to sections of senior nurses in Ward S Operating Room.)

One by Dr. C. F. FOLSOM. — Special Nursing in Nervous Diseases, including the Insane.

Two by Dr. G. H. TILDEN.—Special Nursing in Skin Diseases and Syphilis in the Infant and Adult.

One by Dr. H. W. WILLIAMS. — Special Nursing in Diseases of the Eye.

One by Dr. O. F. WADSWORTH. — Anatomy and Physiology of the Eye, and General Care in Health and Disease.

One by Dr. J. ORNE GREEN.— Special Nursing in Diseases of the Ear, its care in health and disease; nurses' duties at operations and continued treatment in disease.

One by Dr. E. M. BUCKINGHAM. — Special Nursing in Croup, Laryngitis, Tracheotomy, etc.

Two by Dr. W. W. GANNETT. — Visceral Anatomy: Demonstrations by post mortems; care of the dead, etc.

LIST OF GRADUATES.

BOSTON CITY HOSPITAL TRAINING SCHOOL FOR NURSES.

[* Married. † Died.]



1879.

Miss Rosa McCormick,
" N. Elizabeth Fillebrown,
† " Mary L. Kelso,
Miss Elizabeth A. Andrews,
* " Myra E. McIlvin,
* " Martha J. Blackwood.

1880.

Miss Asenith Clement,
Mrs. Margaret Little,
Miss Annie Cochran,
" Louisa Morrill,
Mrs. Lucy Rice,
*Miss Eva Hallowell,
" Mary E. Prescott,
Mrs. Maria Hatch,
†Miss Olivia Hews,
" Mary Monteith,
" Victoria O. Fowler,
* " Minnie Gilman,
" Anna C. Maxwell,
Mrs. Sarah Cooke.

1881.

† Miss Mary Mack,
* " Jennie Shotwell,
* " Flora Hadley,
† " Mary Choate,
" Georgeanna Russell,
Mrs. Endenilla S. Neily,
Mrs. Mary Griswold,
*Miss Lilly Birkbeck,
* " Josie Smith,
* " Mary A. Ferrin,
" Helen M. Hall,
Mrs. Bertha J. Raemisch.

1882.

Miss Carrie L. Barrell,
Mrs. Kittie C. Soule,
*Miss Georgia L. Fobes,
" Laura A. C. Hughes,
Miss Annie Martell,
" Mary Quinn,
" Julia Macrae,
" Annie E. Barker.

1883.

*Miss E. Adelaide Nason,
" Mina P. Hill,
* " Christina M. Gregoire,
Mrs. Jane E. Young,
Miss Myra C. Hight,
" Susie H. Hamblet,
" Rose A. Duffy,
" Mary C. Morris,
" Sarah W. Emerson,
" Clara E. Bowen,
" Kate M. Fitzgerald,
" Margaret McKenzie,
" Jennie B. McIntosh,
Miss Ida M. Welsh,
" Annie Soper,
" Susan Bradley,
" Maria Aanrud,
* " Jane Howell,
" Emma L. Stowe,
" Elizabeth Stewart,
" Clara C. Tubman,
" Mary E. Gordon,
" Lucinda McBride,
" Eliza F. Spencer,
* " Mary L. Drown.

1884.

Miss Lucy L. Drown,
* " Annie J. Ellers,
" Fanny A. Tucker,
" Elizabeth Rinker,
" M. Elizabeth Barr,
" Elizabeth Banister,
" Abbie A. Reed,
" Margaret McKean,
" Armina C. Manchester,
" Harriet M. Seaver,
Miss Bessie S. Morrill,
* " Ellen A. Dunton,
" Margaret Macdonald,
" Anna M. Battelle,
* " Lillian I. Price,
" Sarah G. Whitney,
" Mary E. Scannell,
Mrs. Mary B. Runyan,
Miss Catherine Murray.

1885.

Miss Fannie A. Prindle,
" Adelie B. Braman,
" Minnie Starr,
" Clara D. Hoar,
" H. Josephine Shepherd,
" Sarah M. Cushing,
" Clara M. Rowell,
* " Glendine Malkson,
" Lida S. Young,
" Annie S. Miller,
Miss Jessie J. Glen,
" Mary E. Woods,
" Emily Neale,
" Mary J. Rimmer,
" Kate G. Early,
* " Helen L. Godding,
" Julia E. Reed,
" Calina E. M. Somerville,
" Jessie Read.

1886.

*Miss Alice E. Cole,
" Emma J. Gordon,
" Sarah E. Snow,
* " Mary E. Stimson,
" Georgianna Shaw,
" Flora E. Welch,
" M. Annabel Moore,
" Emma E. Cole,
" Lucretia F. Williams,
" Mary C. Stewart,
" Emma B. Morrison,
* " Mary A. Martin,
* " Rosina G. Brine,
" Ruth A. Bassett,
" Mary A. White,
Miss Emma R. Trafton,
" Susie B. Swanton,
Mrs. Mary E. Bradbury,
Miss Cicely M. Whittaker,
" Elizabeth Fearon,
" Ella A. Starkweather,
" Lizzie A. Wilber,
" Mary J. Dunway,
Mrs. Josephine S. Wood,
" Isabella R. Outerbridge,
Miss Mary Fyfe,
" Anna M. Hawes,
" Olivia Byrne,
" Agnes C. Haley.

1887.

Miss Luise Gibbpeck,
" Mary Grugane,
" Maria Wagner,
" Libbie S. Ainsworth,
" Charlotte A. McCallum,
" Frances H. Petrikin,
" Mary A. Hahn,
" Delia O'Brien,
" Lucia E. Weymouth,
" Julia A. Purdy,
" Harriet M. Wallace,
" Alice E. Bailey,
" Helen A. Quinn,
" Mary E. Kenney,
" Sarah M. Webber,

Miss Emily A. Rogers,
" Ruthett Adams,
* " Louise J. Knaut,
" Caroline H. Keer,
" Oceania Nickerson,
" Abbie J. Jenkins,
" Flora Macrae,
" Alzine M. Castlebury,
" Sarah C. Hamlyn,
" Elizabeth J. Fay,
* " Jennie Dudley,
" Frances L. Mackie,
" Olive A. Hawes,
" Evangeline McDonald.

1888.

Miss Emma J. Jones,
" Flora E. Hodges,
" Stella Lyman,
" Bertha Elliot,
" Alicia Ring,
" Maria B. Clark,
" Maria L. Eustis,
" Emily O. Boswall,
" Eleanor Cobb,
" Eva M. Homer,
Mrs. Alice H. Porter,

Miss Alice M. Hodgson,
" Belle A. Stevens,
" Myra A. Swain,
" Mary E. Collingwood,
" Almeda J. Goodspeed,
" Ella M. Gordon,
" Lucia F. Vickery,
" Evelena Chapman,
* " Helen Coull,
" Lilia M. Alexander,
" Mary O. Barnes.

DONATIONS.

During the Hospital year 1888 the following donations to the Hospital have been received: —

From MRS. RICHARDSON, Mt. Hope, 20 purses, each containing 25 cents for deserving patients; books, etc.
From A FORMER PATIENT, "Youth's Companions," toys and cards.
From MISS MASON, 155 presents for the patients.
From MR. GEO. A. KENDALL, $5.00 for the needy patients; also copies of "St. Nicholas."
From "A LITTLE GIRL," 9 scrap-books.
From "YOUNG PEOPLE'S CLUB," Unitarian Parish, Jamaica Plain, 3 scrap-books.
From SUNDAY SCHOOL CLASS, Mr. Loud's Parish, Arlington, 6 scrap-books.
From MRS. J. N. DENISON, 8 Newbury St., "Littell's Living Age" for 1887.
From MISS S. E. HOMANS, blackboard and easel.
From SECOND CLASS of Second Division of Dillaway School, books, articles of clothing, toys, cards, etc.
From Mr. C. E. FOLSOM, gifts for the children.
From MISS AMY HUNNEWELL'S CLASS, gifts for the children.
From YOUNG LADIES OF N. E. CONSERVATORY OF MUSIC, gifts for the children, and flowers.
From ESTHER FAULKNER HAYDEN, 29 Brimmer St., 8 wax dolls.
From EDITH AND MABELLE MATHEWS, Dover, N.H., gifts for the children.
From MARY PRAY, Dover, N.H., gifts for the children.
From "WILLING WORKERS," Harrison Sq., Dorchester, scrap-books.
From MISS EMMA ANDERSON, scrap-book.
From DR. BOLLES, toys for the children.
From MISS LILIAN SHUMAN, 12 picture-books.
From "THE KING'S DAUGHTERS," 9 boxes, containing a variety of articles.
From HOUSE OFFICERS, gifts for children.
From A SUNDAY-SCHOOL CLASS OF GIRLS, 12 scrap-books and dolls.
From MRS. J. W. SKILLINGS, Winchester, Mass., articles for scarlet-fever ward.
From GEO. H. CHICKERING, June roses.
From THE "SOCIETY OF CHRISTIAN ENDEAVOR," roses and cut flowers.
From "ST. JOHN'S GUILD" by MISS WILLS, 6 scrap-books for the children.
From PAULINE A. SHAW, June roses.
From DR. AND MRS. G. B. SHATTUCK, confectionery and books.
From UNITARIAN SUNDAY SCHOOL, Clinton, Mass., toys, dolls, games, and reading-matter.
From MRS. F. O. NORTH, Dorchester, Lippincott's Magazines.
From MRS. SCOTT, reading for patients.
From MRS. WATSON, Boylston st., reading-matter.
From FIRST CHURCH, three floral decorations.
From THE "UNION CLUB," reviews, illustrated papers, magazines, etc., etc.
From JESSIE NICHOLS, picture-papers.
From "BEVERLY FRIENDLY SOCIETY," gifts for the children.
From MRS. A. W. CHANDLER, Allston, Mass., reading-matter.
From MRS. W. A. PEABODY, 133 Mt. Vernon St., trailing arbutus.
From F. STEADMAN, reading-matter.
From MRS. N. E. TENNEY, reading-matter.
From MAMMOTH ROAD SCHOOL, Pawtucketville, Lowell, Mass., flowers.
From MRS. BROWN, 73 Norfolk Ave., cut roses.
From MRS. H. E. RAYMOND, a quantity of fans.
From MISS R. E. WATSON AND MISS GRACE H. PAINE, Addison, Vt., 23 articles of clothing for children.
From DR. SLADE, Chestnut Hill, pond lilies.

From MISS DAVIS, articles of clothing for children.
From MRS. QUINCY SHAW, cut flowers; several times.
From DR. WALLACE, Providence, R.I, $3.00 for the children.
From MRS. H. BIGELOW, Fairfield St., 3 pairs of slippers, 2 pairs of shoes, old linen, etc.
From "HELPING HANDS," Bangor, Me., 6 scrap-books, paper dolls, and lint.
From MR. CHAS. STROUSER, reading for patients.
From MR CARTER, 103 W. Chester Park, old linen.
From "JAMAICA PLAIN FRIENDLY SOCIETY," making of garments.
From "BOSTON YOUNG MEN'S CHRISTIAN UNION," 150 rides for patients.
From CHRISTMAS CARD MISSION, by Rev. Mr. Waldron, 625 Christmas cards and leaflets.
From THE HOSPITAL NEWSPAPER SOCIETY, books, cards, and much general reading-matter.
From THE FLOWER MISSION.
From MANY UNKNOWN FRIENDS, at different times, reading-matter, flowers, old linen, toys for children, scrap-books, and other gifts.

DIETARY FOR PATIENTS.

MILK DIET. DAILY. — Milk, 3 pints; Bread (Wheat or Graham), toasted, if desired; Butter, Rice, Oatmeal, Corn Starch, or Farina.

HOUSE DIET.

Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
BREAKFAST.	**BREAKFAST.**	**BREAKFAST.**	**BREAKFAST.**	**BREAKFAST.**	**BREAKFAST.**	**BREAKFAST.**
Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, and Brown), Butter, Porridge of Oatmeal, Cornmeal, or Wheaten Grits, etc.	Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, and Brown), Butter, Meat Hash.	Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, and Brown), Butter, Porridge, or Mush, of Oatmeal, Cornmeal, or Wheaten Grits, etc.	Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, or Brown), Butter, Corned Beef Hash.	Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, or Brown), Butter, Porridge of Oatmeal, Cornmeal, or Wheaten Grits, etc.	Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, or Brown), Butter, Porridge, or Mush, of Oatmeal, Cornmeal, or Wheaten Grits, etc.	Coffee, or Tea, or Cocoa, with Milk and Sugar, Bread (Wheat, Graham, or Brown), Butter, Fish Hash.
DINNER.	**DINNER.**	**DINNER.**	**DINNER.**	**DINNER.**	**DINNER.**	**DINNER.**
Roast Beef, or Mutton, Potatoes, Bread.	Soup, or Stewed Meat, Vegetables, Bread, Pudding, of Bread, Rice, Oatmeal, Hominy, or Corn Starch.	Corned Beef, Boiled, Turnips, or Cabbage, Potatoes, Bread.	Roast Beef, or Mutton, Roast or Boiled, Potatoes, Tomatoes, or other Vegetables, Bread.	Soup, or Stewed Meat, Vegetables, Bread, Pudding, of Bread, Rice, Oatmeal, Hominy, or Corn Starch.	Fish, Fresh or Salt, Potatoes, Beets, or other Vegetables, Bread.	Soup, or Stewed or Minced Meat, Potatoes, Bread, Pudding, of Bread, Rice, Oatmeal, Hominy, or Corn Starch.
SUPPER.	**SUPPER.**	**SUPPER.**	**SUPPER.**	**SUPPER.**	**SUPPER.**	**SUPPER.**
Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.	Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.	Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.	Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.	Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.	Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.	Coffee, or Tea, Shells, or Cocoa, with Milk and Sugar, Bread (Wheat or Graham), Butter.

EXTRAS. — In addition to the above, the following extras may be ordered by the Visiting Physicians and Surgeons: Milk, Beef Tea, Chicken Broth, Mutton Broth, Gruel, Oatmeal Mush, Corn Starch, Boiled Rice, Eggs, Beefsteak, Mutton-chop, and Chicken.

A small allowance of Milk and Beef Tea will be provided for each ward daily. The House Physician or Surgeon may order these articles by a signed special order, in each case, when needed, for patients who enter in the intervals between the regular visits of the Visiting Physician or Surgeon to whom the case is assigned.

All Wines and Liquors, Ale, Beer, etc., will be ordered by the Visiting Physicians and Surgeons only, excepting in emergencies, when special orders for the same may be given by the House Physician or Surgeon, to be afterwards approved by the Visiting Physician or Surgeon, as the case may be, or by the Resident Physician.

JULY 2, 1878.

By Order of the Board of Trustees.